

Connecting via Winsock to STN

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LOGINID:SSSPTA1653SXS

PASSWORD:

***** RECONNECTED TO STN INTERNATIONAL *****
SESSION RESUMED IN FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL,
EUROPATFULL, JAPIO, SCISEARCH, EMBASE, USPAT2' AT 11:48:18 ON 19 AUG 2003
FILE 'CAPLUS' ENTERED AT 11:48:18 ON 19 AUG 2003
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FILE 'BIOSIS' ENTERED AT 11:48:18 ON 19 AUG 2003
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FILE 'USPAT2' ENTERED AT 11:48:18 ON 19 AUG 2003
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COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	169.66	494.06

	SINCE FILE	TOTAL
	ENTRY	SESSION
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	-14.32	-14.32
CA SUBSCRIBER PRICE		

	SINCE FILE	TOTAL
	ENTRY	SESSION
=> FIL REGISTRY		
COST IN U.S. DOLLARS	169.66	494.06
FULL ESTIMATED COST		

	SINCE FILE	TOTAL
	ENTRY	SESSION
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	-14.32	-14.32
CA SUBSCRIBER PRICE		

FILE 'REGISTRY' ENTERED AT 11:48:23 ON 19 AUG 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 18 AUG 2003 HIGHEST RN 569296-21-5
DICTIONARY FILE UPDATES: 18 AUG 2003 HIGHEST RN 569296-21-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

```
=> S [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] /SQSP AND SQL<10
      595 [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] /SQSP
      325447 SQL<10
L14      595 [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] /SQSP AND SQL<10
```

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=> S L14 NOT AAAAAAAA/SQSP
      4614 AAAAAAAA/SQSP
L15      500 L14 NOT AAAAAAAA/SQSP
```

```
=> S L14 NOT KKKKKKKK/SQSP
      2702 KKKKKKKK/SQSP
L16      510 L14 NOT KKKKKKKK/SQSP
```

```
=> S L15 NOT KKKKKKKK/SQSP
      2702 KKKKKKKK/SQSP
L17      415 L15 NOT KKKKKKKK/SQSP
```

```
=> S L15 NOT LLLLLLLL/SQSP
      1728 LLLLLLLL/SQSP
L18      469 L15 NOT LLLLLLLL/SQSP
```

```
=> S L17 NOT LLLLLLLL/SQSP
      1728 LLLLLLLL/SQSP
L19      384 L17 NOT LLLLLLLL/SQSP
```

```
=> S L19 NOT FFFFFFFF/SQSP
      989 FFFFFFFF/SQSP
L20      369 L19 NOT FFFFFFFF/SQSP
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=> S L20 AND plak/SQSP
      0 PLAK/SQSP
L21      0 L20 AND PLAK/SQSP
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=> S L20 AND PALK/SQSP
      0 PALK/SQSP
L22      0 L20 AND PALK/SQSP
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=> S L20 AND PKAL/SQSP
      0 PKAL/SQSP
L23      0 L20 AND PKAL/SQSP
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=> S L20 AND PKLA/SQSP
      0 PKLA/SQSP
L24      0 L20 AND PKLA/SQSP
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=> S L20 AND PLKA/SQSP
      0 PLKA/SQSP
L25      0 L20 AND PLKA/SQSP
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=> S L20 AND PAKL/SQSP
      0 PAKL/SQSP
L26      0 L20 AND PAKL/SQSP
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=> S L20 AND KALP/SQSP
      0 KALP/SQSP
L27      0 L20 AND KALP/SQSP
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L9 793 S L8

FILE 'REGISTRY' ENTERED AT 11:37:58 ON 19 AUG 2003
L10 981 DUP REM L8 (0 DUPLICATES REMOVED)

FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO,
SCISEARCH, EMBASE, USPAT2' ENTERED AT 11:38:18 ON 19 AUG 2003

FILE 'REGISTRY' ENTERED AT 11:38:23 ON 19 AUG 2003
L11 981 DUP REM L8 (0 DUPLICATES REMOVED)

FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO,
SCISEARCH, EMBASE, USPAT2' ENTERED AT 11:38:29 ON 19 AUG 2003

L12 793 S L8
L13 741 DUP REM L12 (52 DUPLICATES REMOVED)

FILE 'REGISTRY' ENTERED AT 11:48:23 ON 19 AUG 2003

L14 595 S [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] /SQSP AND SQL
L15 500 S L14 NOT AAAAAAAA/SQSP
L16 510 S L14 NOT KKKKKKKK/SQSP
L17 415 S L15 NOT KKKKKKKK/SQSP
L18 469 S L15 NOT LLLLLLLLL/SQSP
L19 384 S L17 NOT LLLLLLLLL/SQSP
L20 369 S L19 NOT FFFFFFFF/SQSP
L33 1 S L20 AND FLAK/SQSP
L34 0 S L20 AND FLKA/SQSP
L35 1 S L20 AND FAKL/SQSP
L36 1 S L20 AND FALK/SQSP
L37 0 S L20 AND FKAL/SQSP
L38 0 S L20 AND FKLA/SQSP

=> S L38 AND F/SQSP
0 F/SQSP
L39 0 L38 AND F/SQSP

=> S L38 AND F...../SQSP
0 F...../SQSP
L40 0 L38 AND F...../SQSP

=> S L38 AND .F...../SQSP
0 .F...../SQSP
L41 0 L38 AND .F...../SQSP

=> S L38 AND ..F...../SQSP
0 ..F...../SQSP
L42 0 L38 AND ..F...../SQSP

=> S L20 AND F...../SQSP
59 F...../SQSP
L43 59 L20 AND F...../SQSP

=> S L20 AND .F...../SQSP
67 .F...../SQSP
L44 67 L20 AND .F...../SQSP

=> S L20 AND ..F...../SQSP
62 ..F...../SQSP
L45 62 L20 AND ..F...../SQSP

=> S L20 AND ...F...../SQSP
58 ...F...../SQSP
L46 58 L20 AND ...F...../SQSP

=> S L20 ANDF...../SQSP
56F...../SQSP

```

L47          56 L20 AND ....F.../SQSP

=> S L20 AND .....F../SQSP
          59 .....F../SQSP
L48          59 L20 AND .....F../SQSP

=> S L20 AND .....F./SQSP
          57 .....F./SQSP
L49          57 L20 AND .....F./SQSP

=> S L20 AND .....F/SQSP
          60 .....F/SQSP
L50          60 L20 AND .....F/SQSP

=> DELETE L39-L42
DELETE L39-L42? (Y)/N:Y
'L39-L42' DELETED

=> S L20 AND K...../SQSP
          134 K...../SQSP
L51          134 L20 AND K...../SQSP

=> S L20 AND .K...../SQSP
          125 .K...../SQSP
L52          125 L20 AND .K...../SQSP

=> S L20 AND ..K...../SQSP
          193 ..K...../SQSP
L53          193 L20 AND ..K...../SQSP

=> S L20 AND ...K..../SQSP
          161 ...K..../SQSP
L54          161 L20 AND ...K..../SQSP

=> S L20 AND ....K.../SQSP
          121 ....K.../SQSP
L55          121 L20 AND ....K.../SQSP

=> S L20 AND .....K../SQSP
          141 .....K../SQSP
L56          141 L20 AND .....K../SQSP

=> S L20 AND .....K./SQSP
          145 .....K./SQSP
L57          115 L20 AND .....K./SQSP

=> S L20 AND .....K/SQSP
          151 .....K/SQSP
L58          151 L20 AND .....K/SQSP

=> S L20 AND L...../SQSP
          187 L...../SQSP
L59          187 L20 AND L...../SQSP

=> S L20 AND .L...../SQSP
          166 .L...../SQSP
L60          166 L20 AND .L...../SQSP

=> S L20 AND ..L...../SQSP
          96 ..L...../SQSP
L61          96 L20 AND ..L...../SQSP

=> S L20 AND ...L..../SQSP
          118 ...L..../SQSP
L62          118 L20 AND ...L..../SQSP

```

=> S L20 ANDL.../SQSP
131L.../SQSP
L63 131 L20 ANDL.../SQSP

=> S L20 ANDL../SQSP
110L../SQSP
L64 110 L20 ANDL../SQSP

=> S L20 ANDL./SQSP
115L./SQSP
L65 115 L20 ANDL./SQSP

=> S L20 ANDL/SQSP
117L/SQSP
L66 117 L20 ANDL/SQSP

=> D HIST

(FILE 'HOME' ENTERED AT 11:25:39 ON 19 AUG 2003)

FILE 'REGISTRY' ENTERED AT 11:26:44 ON 19 AUG 2003

L1 1 S FAKKLAKKLKKLAKLALAL/SQEP
L2 1 S FAKKLAKKLKKLAKLALAL/SQSP AND SQL<=23
L3 0 S PALALKKALKALKKKAL/SQSP AND SQL<=23
L4 0 S PAKKLAKLAKKLAKLAL/SQEP
L5 0 S PAKKLAKLAKKLAKLAL/SQSP AND SQL<=23
L6 18697 S [PLAK] [PLAK] [PLAK] [PLAK] [PLAK]/SQSP AND SQL<=23
L7 6730 S [PLAK] [PLAK] [PLAK] [PLAK] [PLAK]/SQSP AND SQL<=10
L8 981 S [PLAK] [PLAK] [PLAK] [PLAK] [PLAK] [PLAK] [PLAK] [PLAK]/SQSP AND SQL

FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO,
SCISEARCH, EMBASE, USPAT2' ENTERED AT 11:37:16 ON 19 AUG 2003

L9 793 S L8

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L10 981 DUP REM L8 (0 DUPLICATES REMOVED)

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L13 741 DUP REM L12 (52 DUPLICATES REMOVED)

FILE 'REGISTRY' ENTERED AT 11:48:23 ON 19 AUG 2003

L14 595 S [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK] [FLAK]/SQSP AND SQL
L15 500 S L14 NOT AAAAAAAA/SQSP
L16 510 S L14 NOT KKKKKKKK/SQSP
L17 415 S L15 NOT KKKKKKKK/SQSP
L18 469 S L15 NOT LLLLLLLL/SQSP
L19 384 S L17 NOT LLLLLLLL/SQSP
L20 369 S L19 NOT FFFFFFFF/SQSP
L33 1 S L20 AND FLAK/SQSP
L34 0 S L20 AND FLKA/SQSP
L35 1 S L20 AND FAKL/SQSP
L36 1 S L20 AND FALK/SQSP
L37 0 S L20 AND FKAL/SQSP
L38 0 S L20 AND FKLA/SQSP
L43 59 S L20 AND F...../SQSP
L44 67 S L20 AND .F...../SQSP

L45 62 S L20 AND ..F...../SQSP
 L46 58 S L20 AND ...F...../SQSP
 L47 56 S L20 ANDF..../SQSP
 L48 59 S L20 ANDF.../SQSP
 L49 57 S L20 ANDF./SQSP
 L50 60 S L20 ANDF/SQSP
 L51 134 S L20 AND K...../SQSP
 L52 125 S L20 AND .K...../SQSP
 L53 193 S L20 AND ..K...../SQSP
 L54 161 S L20 AND ...K..../SQSP
 L55 121 S L20 ANDK.../SQSP
 L56 141 S L20 ANDK../SQSP
 L57 145 S L20 ANDK./SQSP
 L58 151 S L20 ANDK/SQSP
 L59 187 S L20 AND L...../SQSP
 L60 166 S L20 AND .L...../SQSP
 L61 96 S L20 AND ..L...../SQSP
 L62 118 S L20 AND ...L..../SQSP
 L63 131 S L20 ANDL.../SQSP
 L64 110 S L20 ANDL../SQSP
 L65 115 S L20 ANDL./SQSP
 L66 117 S L20 ANDL/SQSP

=> S L20 AND A...../SQSP
 158 A...../SQSP
 L67 158 L20 AND A...../SQSP

=> S L20 AND .A...../SQSP
 200 .A...../SQSP
 L68 200 L20 AND .A...../SQSP

=> S L20 AND ..A...../SQSP
 224 ..A...../SQSP
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=> S L20 AND ...A..../SQSP
 232 ...A..../SQSP
 L70 232 L20 AND ...A..../SQSP

=> S L20 ANDA.../SQSP
 235A.../SQSP
 L71 235 L20 ANDA.../SQSP

=> S L20 ANDA../SQSP
 233A../SQSP
 L72 233 L20 ANDA../SQSP

=> S L20 ANDA./SQSP
 213A./SQSP
 L73 213 L20 ANDA./SQSP

=> S L20 ANDA/SQSP
 221A/SQSP
 L74 221 L20 ANDA/SQSP

=> D HIST

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 L3 0 S PALAKKALKALKAL/SQSP AND SQL<=23
 L4 0 S PAKKLAKKLAKLAL/SQEP
 L5 0 S PAKKLAKKLAKLAL/SQSP AND SQL<=23

L6 18697 S [PLAK] [PLAK] [PLAK] [PLAK] [PLAK] /SQSP AND SQL<=23
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L15 500 S L14 NOT AAAAAAAA/SQSP
L16 510 S L14 NOT KKKKKKKK/SQSP
L17 415 S L15 NOT KKKKKKKK/SQSP
L18 469 S L15 NOT LLLLLLLL/SQSP
L19 384 S L17 NOT LLLLLLLL/SQSP
L20 369 S L19 NOT FFFFFFFF/SQSP
L33 1 S L20 AND FLAK/SQSP
L34 0 S L20 AND FLKA/SQSP
L35 1 S L20 AND FAKL/SQSP
L36 1 S L20 AND FALK/SQSP
L37 0 S L20 AND FKAL/SQSP
L38 0 S L20 AND FKLA/SQSP
L43 59 S L20 AND F...../SQSP
L44 67 S L20 AND .F...../SQSP
L45 62 S L20 AND ..F...../SQSP
L46 58 S L20 AND ...F...../SQSP
L47 56 S L20 ANDF.../SQSP
L48 59 S L20 ANDF.../SQSP
L49 57 S L20 ANDF./SQSP
L50 60 S L20 ANDF/SQSP
L51 134 S L20 AND K...../SQSP
L52 125 S L20 AND .K...../SQSP
L53 193 S L20 AND ..K...../SQSP
L54 161 S L20 AND ...K..../SQSP
L55 121 S L20 ANDK.../SQSP
L56 141 S L20 ANDK../SQSP
L57 145 S L20 ANDK./SQSP
L58 151 S L20 ANDK/SQSP
L59 187 S L20 AND L...../SQSP
L60 166 S L20 AND .L...../SQSP
L61 96 S L20 AND ..L...../SQSP
L62 118 S L20 AND ...L..../SQSP
L63 131 S L20 ANDL.../SQSP
L64 110 S L20 ANDL../SQSP
L65 115 S L20 ANDL./SQSP
L66 117 S L20 ANDL/SQSP
L67 158 S L20 AND A...../SQSP
L68 200 S L20 AND .A...../SQSP
L69 224 S L20 AND ..A...../SQSP
L70 232 S L20 AND ...A..../SQSP
L71 235 S L20 ANDA.../SQSP

L72 233 S L20 ANDA../SQSP
L73 213 S L20 ANDA../SQSP
L74 221 S L20 ANDA../SQSP

=> S L43 OR L44 OR L45 OR L46 OR L47 OR L48 OR L49 OR L50
L75 104 L43 OR L44 OR L45 OR L46 OR L47 OR L48 OR L49 OR L50

=> S L51 OR L52 OR L53 OR L54 OR L55 OR L56 OR L57 OR L58
L76 276 L51 OR L52 OR L53 OR L54 OR L55 OR L56 OR L57 OR L58

=> S L59 OR L60 OR L61 OR L62 OR L63 OR L64 OR L65 OR L66
L77 222 L59 OR L60 OR L61 OR L62 OR L63 OR L64 OR L65 OR L66

=> S L67 OR L68 OR L69 OR L70 OR L71 OR L72 OR L73 OR L74
L78 293 L67 OR L68 OR L69 OR L70 OR L71 OR L72 OR L73 OR L74

=> S L75 AND L76
L79 46 L75 AND L76

=> S L79 AND L77
L80 23 L79 AND L77

=> S L78 AND L80
L81 15 L78 AND L80

=> D L81

L81 ANSWER 1 OF 15 REGISTRY COPYRIGHT 2003 ACS on STN

RN 528548-54-1 REGISTRY

CN L-Lysine, L-phenylalanyl-L-leucyl-L-alanyl-L-alanyl-L-alanyl-L-
alanyl-L-alanyl- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3344: PN: W003040165 TABLE: 19 claimed protein

FS PROTEIN SEQUENCE; STEREOSEARCH

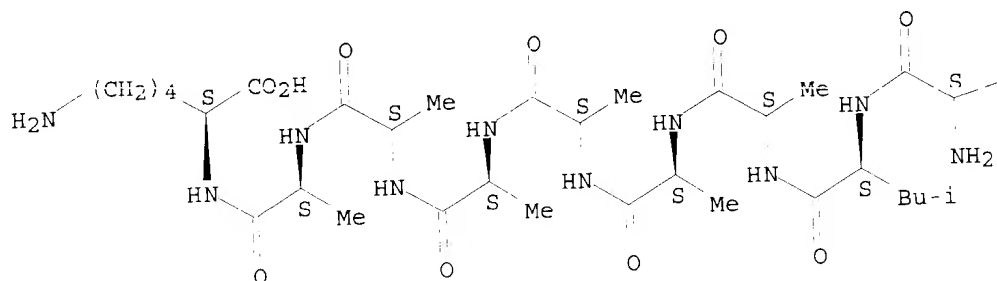
MP C39 H64 N10 O10

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> D L81 AU
'AU' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
EPROP - Table of experimental properties
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS --ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):BIB
'BIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

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SQN - Protein sequence name information, includes RN

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PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS --ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

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For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):D
'D' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN

FIDE - All substance data, except sequence data
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 SQD - Protein sequence data, includes RN
 SQD3 - Same as SQD, but 3-letter amino acid codes are used
 SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
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 PROP - EPROP and CALC

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IABS --ABS, indented, with text labels
 IBIB -- BIB, indented, with text labels
 ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
 SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
 HELP FORMATS -- To see detailed descriptions of the predefined formats.
 ENTER DISPLAY FORMAT (IDE):OBIB
 'OBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
 SAM - Index Name, MF, and structure - no RN
 FIDE - All substance data, except sequence data
 IDE - FIDE, but only 50 names
 SQIDE - IDE, plus sequence data
 SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
 SQD - Protein sequence data, includes RN
 SQD3 - Same as SQD, but 3-letter amino acid codes are used
 SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
EPROP - Table of experimental properties
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS --ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

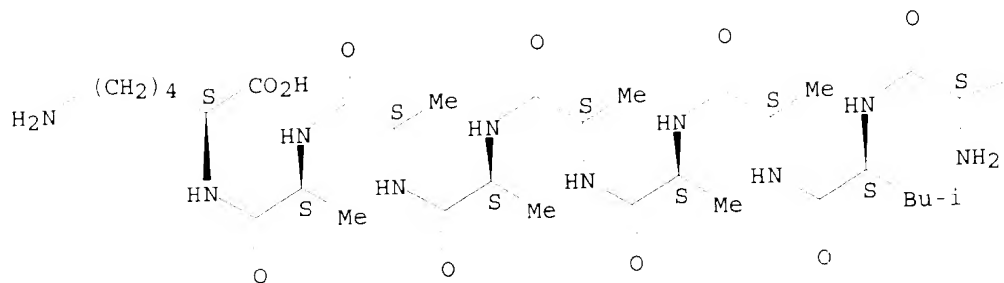
For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
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L81 ANSWER 1 OF 15 REGISTRY COPYRIGHT 2003 ACS on STN
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OTHER NAMES:
CN 3344: PN: WO03040165 TABLE: 19 claimed protein
FS PROTEIN SEQUENCE; STEREOSEARCH
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SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



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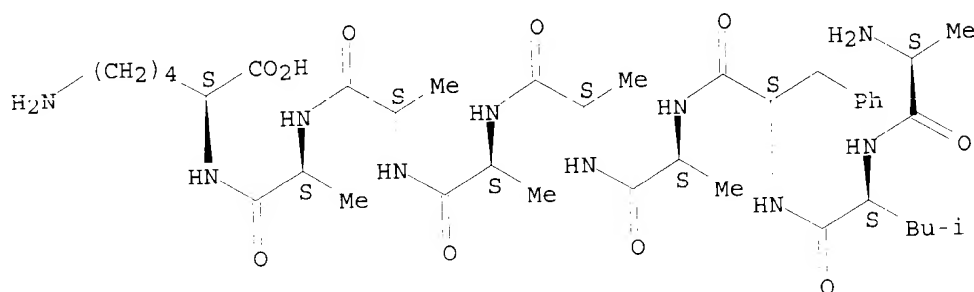
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OTHER NAMES:

CN 3300: PN: WO03040165 TABLE: 19 claimed protein
FS PROTEIN SEQUENCE; STEREOSEARCH
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Absolute stereochemistry.



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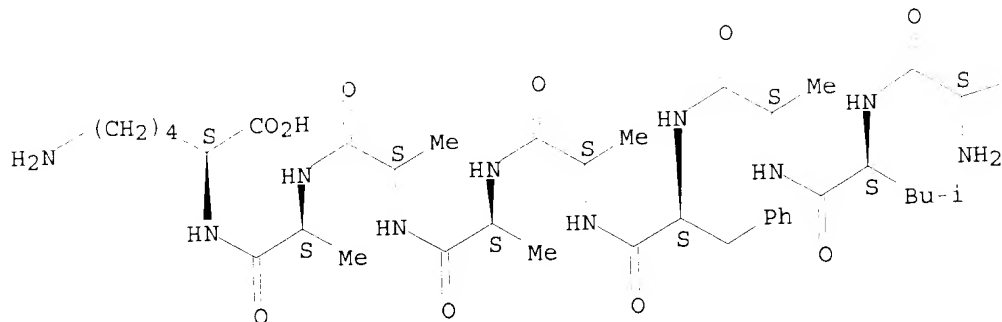
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 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

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PAGE 1-B

Me

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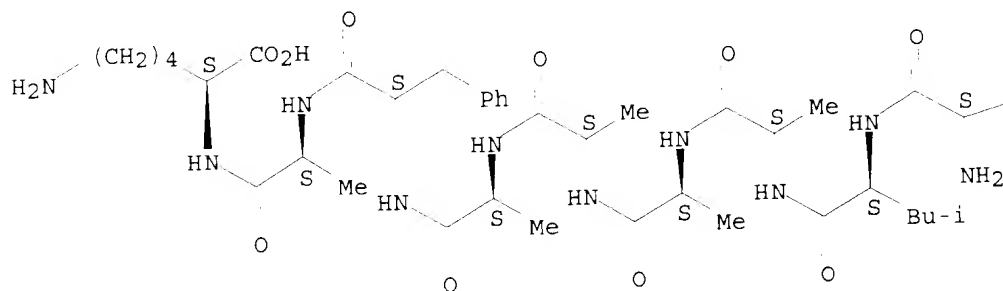
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 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

PAGE 1-A



Me

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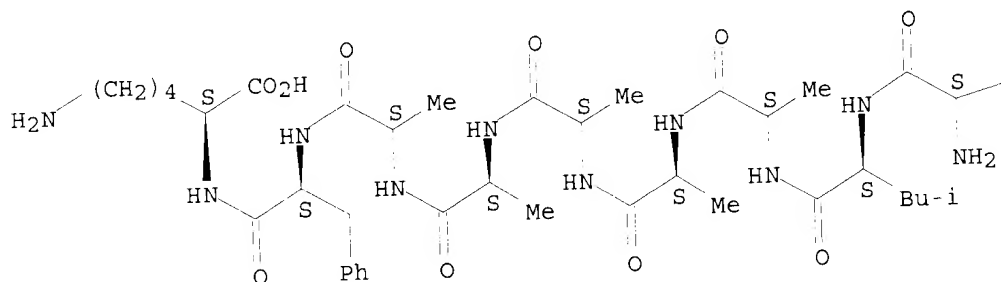
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Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

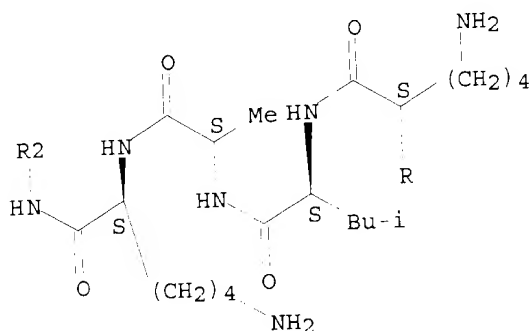
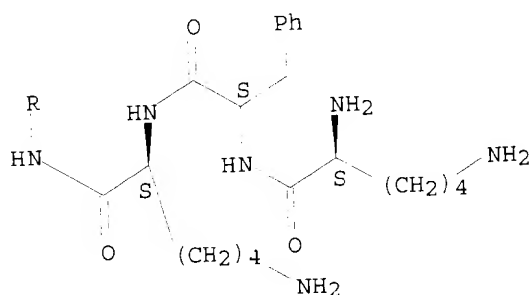
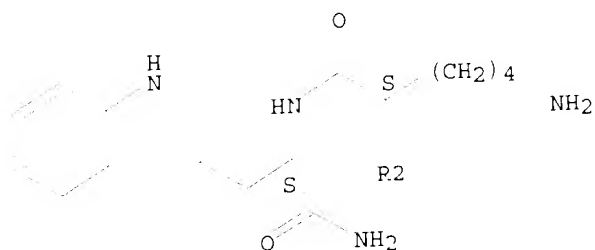
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FS PROTEIN SEQUENCE; STEREOSEARCH
MF C59 H98 N16 O9
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L81 ANSWER 7 OF 15 REGISTRY COPYRIGHT 2003 ACS on STN
RN 466692-28-4 REGISTRY
CN L-Phenylalaninamide, L-lysyl-L-phenylalanyl-L-lysyl-L-lysyl-L-leucyl-L-
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LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

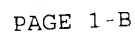
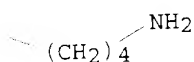


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lysyl- (9CI) (CA INDEX NAME)
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LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
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Absolute stereochemistry.

PAGE 1-A


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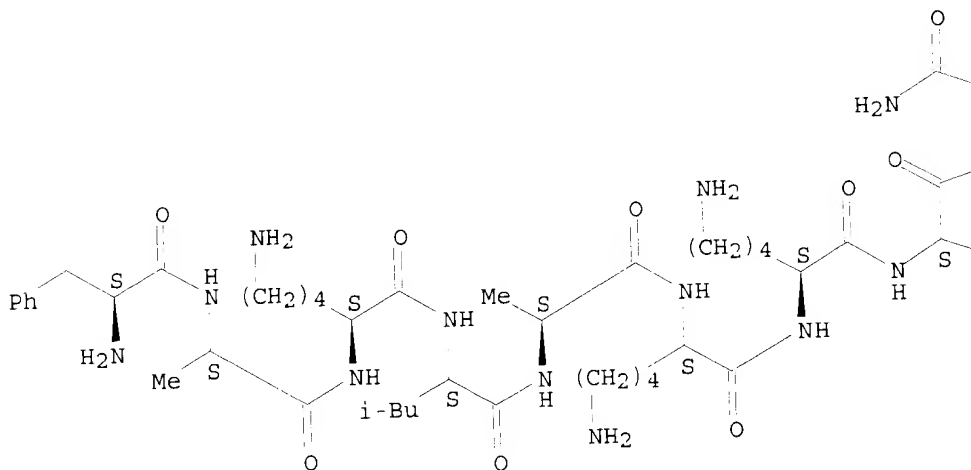
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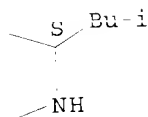
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FS PROTEIN SEQUENCE; STEREOSEARCH
MF C51 H91 N13 O9
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

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Bu-i

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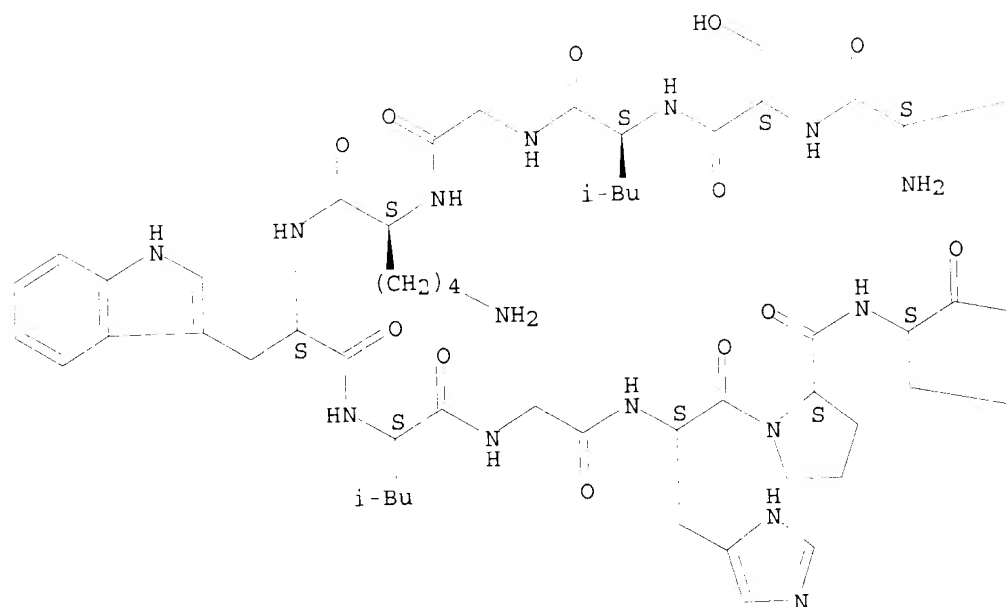
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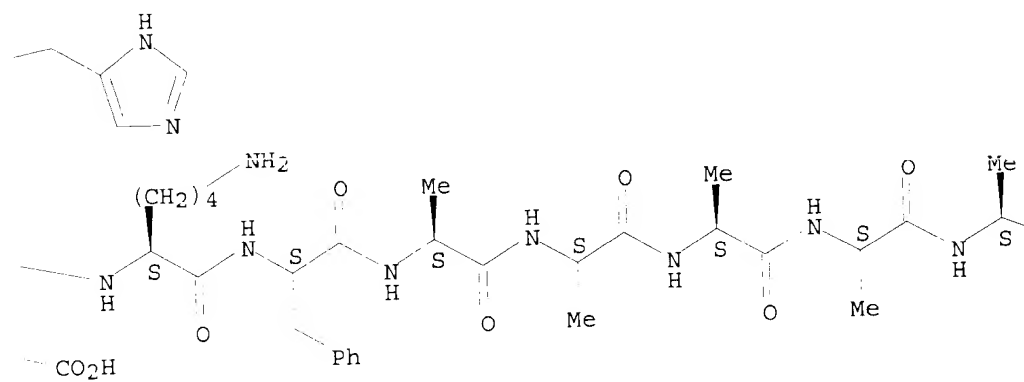
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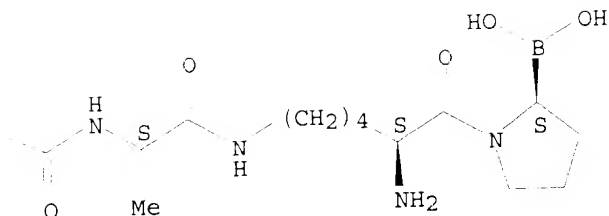
Absolute stereochemistry.

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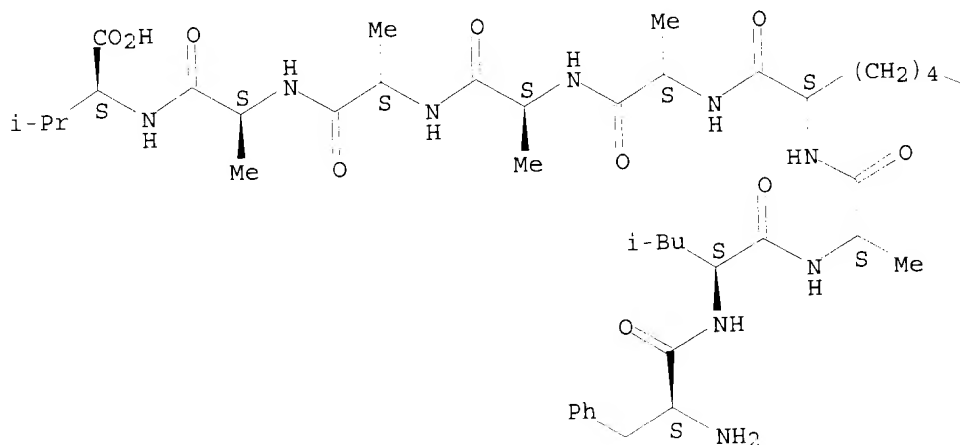


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CN 2373: PN: WO03040165 TABLE: 15 claimed protein
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Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

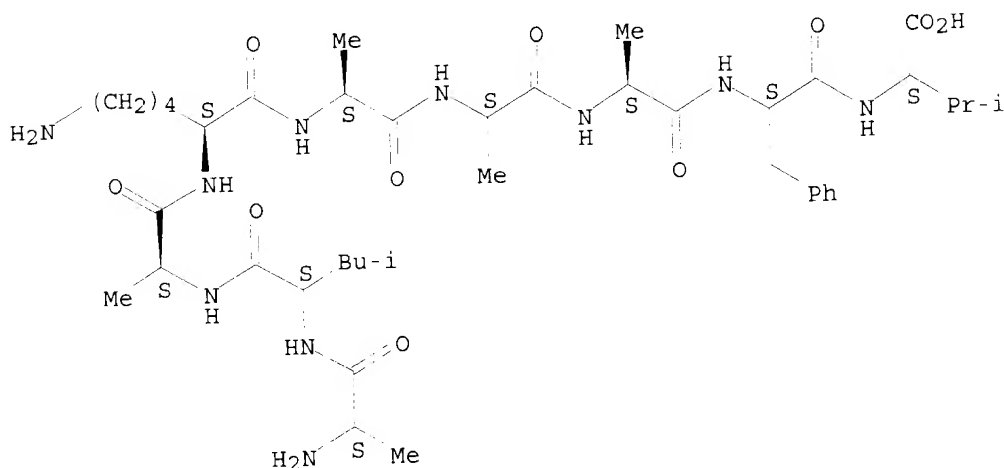
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Absolute stereochemistry.



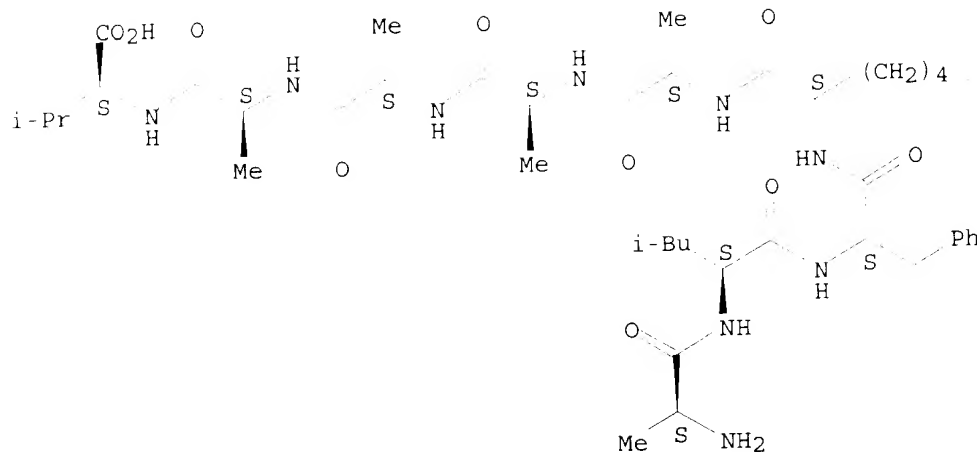
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OTHER NAMES:

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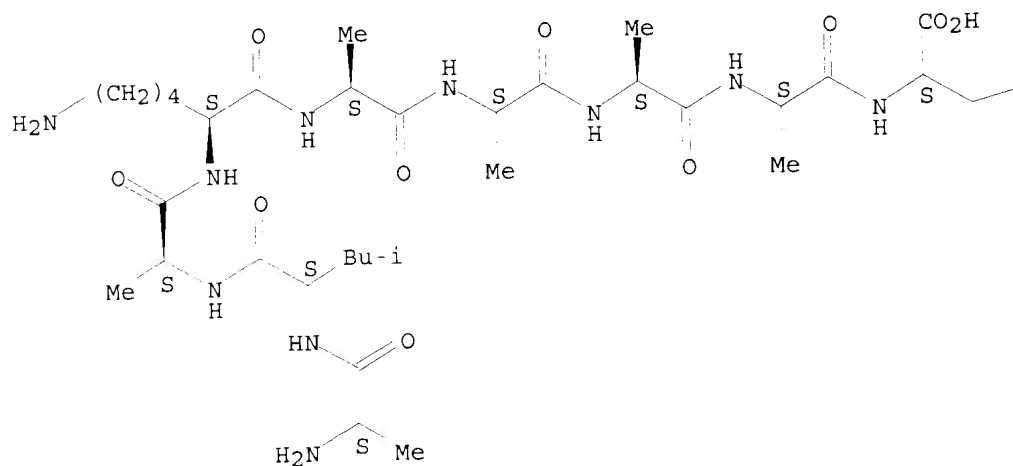
Absolute stereochemistry.

NH₂

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 LC STN Files: CA, CAPLUS

Absolute stereochemistry.



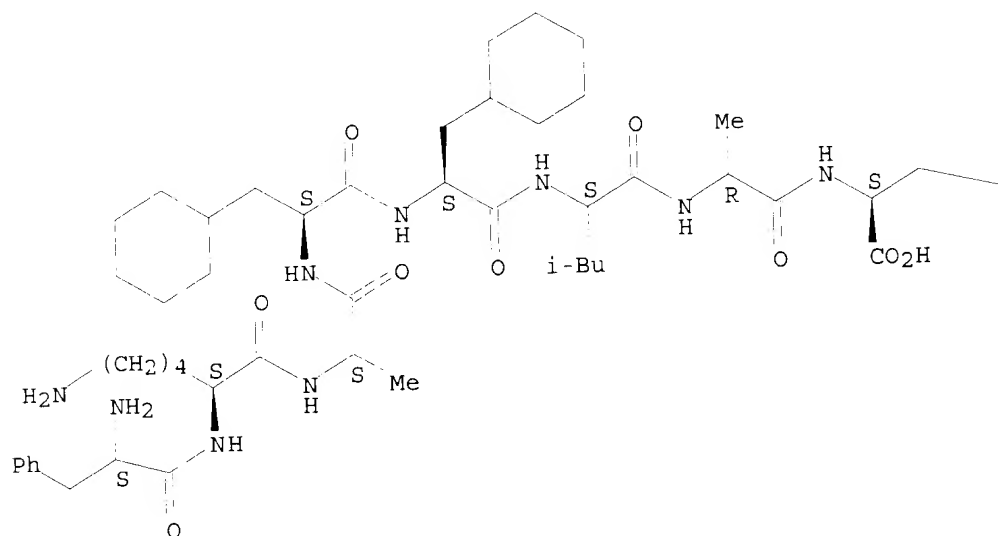
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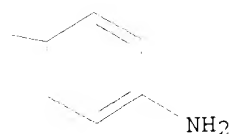
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 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



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FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

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L81

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antigens
thwood, Scott

WO 03/040165 A2

15 MAY 2003

APPLICATION NO. DATE

PR 19 Oct 2000

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RL: BSU (Biological study, unclassified); PRP (Properties); THU
(Therapeutic use); BIOL (Biological study); USES (Uses)
(amino acid sequence; identification and selection of immunogenic
peptides with HLA binding motifs)

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RL: BSU (Biological study, unclassified); PRP (Properties); THU
 (Therapeutic use); BIOL (Biological study); USES (Uses)
 (amino acid sequence; identification and selection of immunogenic
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RL: BSU (Biological study, unclassified); PRP (Properties); THU
(Therapeutic use); BIOL (Biological study); USES (Uses)
(amino acid sequence; identification and selection of immunogenic
peptides with HLA binding motifs)

L82 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2002:778109 CAPLUS

DN 137:284374

TI Short bioactive peptides and methods for their use

IN Owen, Donald R.

PA Helix Biomedix, Inc., USA

SO PCT Int. Appl., 133 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2002079408	A2	20021010	WO 2002-US9534	20020328
WO 2002079408	A3	20021128		

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GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
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US 2003109452	A1	20030612	US 2002-109171	20020328
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RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (short bioactive peptides and methods for their use)

L82 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:655941 CAPLUS

DN 131:281562

TI Peptide-based multivalent compounds for crosslinking immune cell receptors, and uses thereof

IN Bachovchin, William W.

PA Trustees of Tufts College, USA

SO U.S., 57 pp., Cont.-in-part of U.S. Ser. No. 671,756, abandoned.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5965532	A	19991012	US 1997-837305	19970411
CA 2258038	AA	19980108	CA 1997-2258038	19970627
WO 9800439	A2	19980108	WO 1997-US11279	19970627
WO 9800439	A3	20000824		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9737927	A1	19980121	AU 1997-37927	19970627
AU 739241	B2	20011004		
EP 938498	A1	19990901	EP 1997-934862	19970627
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE, IE				
CN 1229414	A	19990922	CN 1997-195969	19970627
JP 2000515500	T2	20001121	JP 1998-504344	19970627
PRAI US 1996-671756	B2	19960628		
US 1997-837305	A	19970411		
WO 1997-US11279	W	19970627		

OS MARPAT 131:281562

RE.CNT 184 THERE ARE 184 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 202203-11-0P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(peptide-based multivalent compds. for crosslinking immune cell receptors, and uses thereof)

L82 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1998:58967 CAPLUS

DN 128:136531

TI Multivalent compounds for crosslinking receptors and therapeutic uses thereof

IN Bachovchin, William W.

PA Trustees of Tufts College, USA; Bachovchin, William W.

SO PCT Int. Appl., 141 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9800439	A2	19980108	WO 1997-US11279	19970627
	WO 9800439	A3	20000824		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5965532	A	19991012	US 1997-837305	19970411
	AU 9737927	A1	19980121	AU 1997-37927	19970627
	AU 739241	B2	20011004		
	EP 938498	A1	19990901	EP 1997-934862	19970627
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE, IE				
	JP 2000515500	T2	20001121	JP 1998-504344	19970627
PRAI	US 1996-671756	A	19960628		
	US 1997-837305	A	19970411		
	WO 1997-US11279	W	19970627		
IT	202203-08-5P 202203-10-9P 202203-11-0P				
	RL: BAC (Biological activity or effector, except adverse); BPN (Biosynthetic preparation); BSU (Biological study, unclassified); BIOL (Biological study); PREP (Preparation)				
	(multivalent compds. for crosslinking receptors and therapeutic uses thereof)				
L82	ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS on STN				
AN	1993:668417 CAPLUS				
DN	119:268417				
TI	Prominent role of secondary anchor residues in peptide binding to HLA-A2.1 molecules				
AU	Ruppert, Jorg; Sidney, John; Celis, Esteban; Kubo, Ralph T.; Grey, Howard M.; Sette, Alessandro				
CS	Cytel Corp., San Diego, CA, 92121, USA				
SO	Cell (Cambridge, MA, United States) (1993), 74(5), 929-37				
	CODEN: CELLB5; ISSN: 0092-8674				
DT	Journal				
LA	English				
IT	139079-41-7P	147468-61-9P	147820-47-1P	147900-27-4P	148748-87-2P
	148748-92-9P	148748-93-0P	151423-08-4P	151423-09-5P	151423-10-8P
	151423-11-9P	151423-12-0P	151423-13-1P	151423-14-2P	151423-15-3P
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	151423-35-7P	151423-36-8P	151423-37-9P	151423-38-0P	
	151423-39-1P	151423-40-4P	151423-41-5P	151423-42-6P	
	151423-43-7P	151423-44-8P	151423-45-9P	151423-46-0P	151423-47-1P
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151467-67-3P 151467-68-4P

RL: PREP (Preparation)

(prepn. and HLA-A2.1 antigen binding by, secondary anchor residues in relation to)

L82 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1991:221389 CAPLUS

DN 114:221389

TI Preparation of anaphylatoxin-receptor peptide ligands for modulating anaphylatoxic activity and treatment of inflammation

IN Kawai, Megumi; Or, Yat Sun; Wiedeman, Paul E.; Luly, Jay R.; Moyer, Mikel P.

PA Abbott Laboratories, USA

SO PCT Int. Appl., 165 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	WO 9009162	A2	19900823	WO 1990-US296	19900116
PI	WO 9009162	A3	19901129		

W: CA, JP, US

RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE

CA 2045578 AA 19900801 CA 1990-2045578 19900116

EP 456758 A1 19911121 EP 1990-903567 19900116

R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE

JP 04503073 T2 19920604 JP 1990-503686 19900116

US 5223485 A 19930629 US 1991-691039 19910619

PRAI US 1989-304693 19890131

WO 1990-US296 19900116

IT	132935-38-7	132935-39-8	132935-43-4	133214-58-1	133214-59-2
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133254-09-8	133254-10-1	133254-11-2	133254-12-3	133254-13-4
133254-14-5	133254-15-6	133254-16-7	133254-17-8	

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
(anaphylatoxin receptor ligand for inflammation inhibition and anaphylatoxin modulation)

L82 ANSWER 7 OF 10 USPATFULL on STN

AN 2003:159837 USPATFULL

TI Short bioactive peptides and methods for their use

IN Owen, Donald R., Kenner, LA, UNITED STATES

PI US 2003109452 A1 20030612

AI US 2002-109171 A1 20020328 (10)

PRAI US 2001-279505P 20010328 (60)

DT Utility

FS APPLICATION

LREP HOWREY SIMON ARNOLD & WHITE LLP, 750 BERING DRIVE, HOUSTON, TX, 77057

CLMN Number of Claims: 48

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 4019

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT	20449-79-0, Melittin (honeybee)	121798-56-9	128262-53-3	133084-63-6
	133109-52-1	140896-21-5	147664-63-9	148080-22-2
	157606-25-2	243990-62-7	389800-01-5	148080-25-5
	466691-07-6	466691-08-7	466691-09-8	466691-05-4
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466692-52-4 466692-53-5 466692-54-6 466692-55-7 466692-56-8
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 466712-11-8 466712-12-9 466712-13-0
 (short bioactive peptides and methods for their use)

L82 ANSWER 8 OF 10 USPATFULL on STN
 AN 2003:120759 USPATFULL
 TI Short bioactive peptides
 IN Owen, Donald R., Kenner, LA, UNITED STATES
 PI US 2003083243 A1 20030501
 AI US 2001-820053 A1 20010328 (9)
 DT Utility
 FS APPLICATION
 LREP HOWERY SIMON ARNOLD AND WHITE, LLP, 750 BERING DRIVE, HOUSTON, TX,
 77057-2198
 CLMN Number of Claims: 52
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 3164

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 20449-79-0, Melittin (honeybee) 121798-56-9 128262-53-3 133084-63-6
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 466692-57-9 466692-58-0 466692-59-1 466692-60-4 466692-61-5
 466712-11-8 466712-12-9 466712-13-0
 (short bioactive peptides and methods for their use)

L82 ANSWER 9 OF 10 USPATFULL on STN
 AN 1999:124868 USPATFULL
 TI Multivalent compounds for crosslinking receptors and uses thereof
 IN Bachovchin, William W., Melrose, MA, United States
 PA Trustees of Tufts College, Medford, MA, United States (U.S. corporation)
 PI US 5965532 19991012
 AI US 1997-837305 19970411 (8)
 RLI Continuation-in-part of Ser. No. US 1996-671756, filed on 28 Jun 1996,
 now abandoned

DT Utility
FS Granted
EXNAM Primary Examiner: Huff, Sheela
LREP Wolf, Greenfield & Sacks, P.C.
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN 38 Drawing Figure(s); 20 Drawing Page(s)
LN.CNT 3884

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 202203-11-0P
(peptide-based multivalent compds. for crosslinking immune cell
receptors, and uses thereof)

L82 ANSWER 10 OF 10 USPATFULL on STN
AN 93:52563 USPATFULL
TI Anaphylatoxin-receptor ligands
IN Kawai, Megumi, Libertyville, IL, United States
Or, Yat S., Libertyville, IL, United States
Wiedeman, Paul E., Libertyville, IL, United States
Luly, Jay R., Libertyville, IL, United States
Moyer, Mikel P., Clinton, CT, United States
PA Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)
PI US 5223485 19930629
WO 9009162 19900823
AI US 1991-691039 19910619 (7)
WO 1990-US296 19900116
19910619 PCT 371 date
19910619 PCT 102(e) date

RLI Continuation-in-part of Ser. No. US 1989-304693, filed on 31 Jan 1989,
now abandoned

DT Utility
FS Granted
EXNAM Primary Examiner: Moezie, F. T.; Assistant Examiner: Davenport, A. M.
LREP Janssen, Jerry F.
CLMN Number of Claims: 6
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 3740

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT	132935-38-7	132935-39-8	132935-43-4	133214-58-1	133214-59-2
	133214-61-6	133214-62-7	133214-63-8	133214-64-9	133214-65-0
	133214-66-1	133214-67-2	133214-68-3	133214-69-4	133214-70-7
	133214-71-8	133214-72-9	133214-73-0	133214-74-1	133214-75-2
	133214-76-3	133214-77-4	133214-78-5	133214-79-6	133214-80-9
	133214-81-0	133214-82-1	133214-83-2	133214-84-3	133214-85-4
	133214-86-5	133214-87-6	133214-89-8	133214-90-1	133214-91-2
	133214-92-3	133214-93-4	133214-94-5	133214-95-6	133214-96-7
	133214-97-8	133214-98-9	133214-99-0	133215-00-6	133215-01-7
	133215-02-8	133215-03-9	133215-04-0	133215-05-1	133215-06-2
	133215-07-3	133215-08-4	133215-09-5	133215-10-8	133215-11-9
	133215-12-0	133215-13-1	133215-14-2	133215-15-3	133215-16-4
	133215-17-5	133215-18-6	133215-19-7	133215-20-0	133215-21-1
	133215-22-2	133215-23-3	133215-24-4	133215-26-6	133215-27-7
	133215-28-8	133215-29-9	133215-30-2	133215-31-3	133215-32-4
	133215-33-5	133215-34-6	133215-35-7	133215-36-8	133215-37-9
	133215-38-0	133215-39-1	133215-40-4	133215-41-5	133215-42-6
	133215-43-7	133215-44-8	133215-45-9	133215-46-0	133215-47-1
	133215-48-2	133215-49-3	133215-50-6	133215-51-7	133215-52-8
	133215-53-9	133215-54-0	133215-55-1	133215-56-2	133215-57-3
	133215-58-4	133215-59-5	133215-60-8	133215-61-9	133215-62-0
	133215-63-1	133215-64-2	133215-65-3	133215-66-4	133215-67-5
	133215-68-6	133215-69-7	133215-70-0	133215-71-1	133215-72-2
	133215-73-3	133215-74-4	133215-75-5	133215-76-6	133215-77-7
	133215-78-8	133215-79-9	133215-80-2	133215-81-3	133215-82-4
	133215-83-5	133215-84-6	133215-85-7	133215-86-8	133215-87-9

133215-88-0	133215-89-1	133215-90-4	133215-91-5	133215-92-6
133215-93-7	133215-94-8	133215-95-9	133215-96-0	133215-97-1
133215-98-2	133215-99-3	133216-00-9	133216-01-0	133216-02-1
133216-03-2	133216-04-3	133216-05-4	133216-06-5	133216-07-6
133216-08-7	133216-09-8	133216-10-1	133216-11-2	133216-12-3
133216-13-4	133216-14-5	133216-15-6	133216-16-7	133216-17-8
133216-18-9	133216-19-0	133216-20-3	133216-21-4	133216-22-5
133216-23-6	133216-24-7	133216-25-8	133216-26-9	133216-27-0
133216-28-1	133216-29-2	133216-30-5	133216-31-6	133253-58-4
133253-59-5	133253-60-8	133253-61-9	133253-62-0	133253-63-1
133253-64-2	133253-65-3	133253-66-4	133253-67-5	133253-68-6
133253-69-7	133253-70-0	133253-71-1	133253-72-2	133253-73-3
133253-74-4	133253-75-5	133253-76-6	133253-77-7	133253-78-8
133253-79-9	133253-80-2	133253-81-3	133253-82-4	133253-83-5
133253-84-6	133253-85-7	133253-86-8	133253-87-9	133253-88-0
133253-89-1	133253-90-4	133253-91-5	133253-92-6	133253-93-7
133253-94-8	133253-95-9	133253-96-0	133253-97-1	133253-98-2
133253-99-3	133254-00-9	133254-01-0	133254-02-1	133254-03-2
133254-04-3	133254-05-4	133254-06-5	133254-07-6	133254-08-7
133254-09-8	133254-10-1	133254-11-2	133254-12-3	133254-13-4
133254-14-5	133254-15-6	133254-16-7	133254-17-8	

(anaphylatoxin receptor ligand for inflammation inhibition and anaphylatoxin modulation)

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
24.53	2183.17

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-14.32

CA SUBSCRIBER PRICE

FILE 'REGISTRY' ENTERED AT 12:16:30 ON 19 AUG 2003
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 AUG 2003 HIGHEST RN 569296-21-5
 DICTIONARY FILE UPDATES: 18 AUG 2003 HIGHEST RN 569296-21-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> S 133215-92-6/RN

L83 1 133215-92-6/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND

SET COMMAND COMPLETED

=> D L83 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):Y
THE ESTIMATED COST FOR THIS REQUEST IS 5.63 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L83 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 133215-92-6 REGISTRY

CN L-Phenylalanine, 4-amino-N-[N-[N-[3-cyclohexyl-N-[3-cyclohexyl-N-[N-(N2-L-phenylalanyl-L-lysyl)-L-alanyl]-L-alanyl]-L-alanyl]-L-leucyl]-D-alanyl]-
(9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 8

NTE modified

type	location	description
modification	Ala-4	cyclohexyl<Chx>
modification	Ala-5	cyclohexyl<Chx>
modification	Phe-8	amino<NH2>

SEQ 1 FKAAALAF

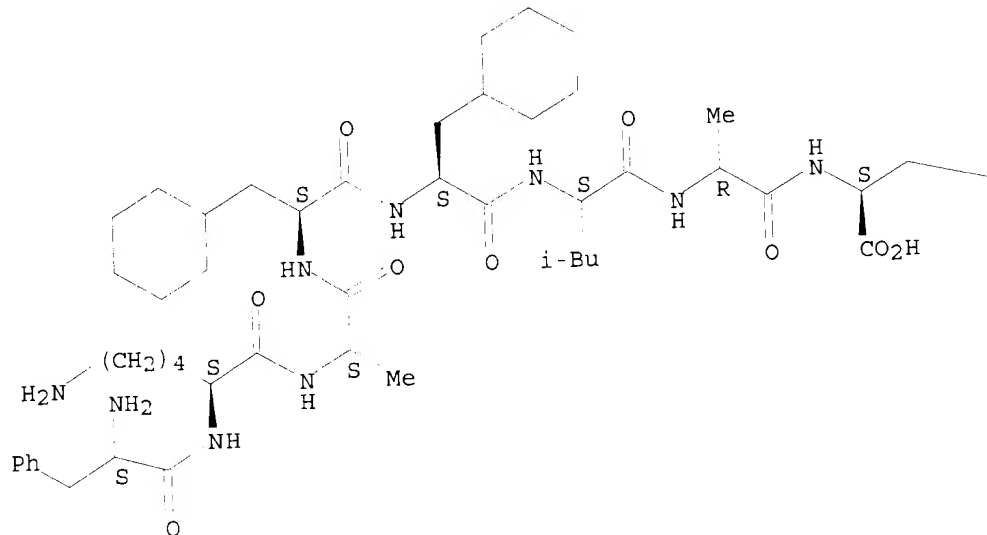
MF C54 H84 N10 O9

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

PAGE 1-A





NH₂

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=>

=> SAVE
ENTER L#, L# RANGE, ALL, OR (END):ALL
ENTER NAME OR (END):09820053
09820053 IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query,
answer set, or L-number list. The name must:

1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile,
structure, or screen set), /A for an answer
set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).

ENTER NAME OR (END):se09820053/A
'SE09820053/A' IS NOT ALLOWED WITH ALL
The saved name of an L# list must end with '/L'.

=> se09820053/L
SE09820053 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> SAVE se09820053/L
ENTER L#, L# RANGE, ALL, OR (END):ALL
L# LIST L1-L83 HAS BEEN SAVED AS 'SE09820053/L'

=> EXIT
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:Y
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
7.23	2190.40

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

0.00 -14.32

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 12:18:42 ON 19 AUG 2003

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1653SXS

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Feb 24 PCTGEN now available on STN
NEWS 4 Feb 24 TEMA now available on STN
NEWS 5 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 6 Feb 26 PCTFULL now contains images
NEWS 7 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8 Mar 24 PATDPAFULL now available on STN
NEWS 9 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 10 Apr 11 Display formats in DGENE enhanced
NEWS 11 Apr 14 MEDLINE Reload
NEWS 12 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 13 AUG 15 Indexing from 1937 to 1946 added to records in CA/CAPLUS
NEWS 14 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 15 Apr 28 RDISCLOSURE now available on STN
NEWS 16 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR
NEWS 17 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 18 May 15 Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS 19 May 19 Simultaneous left and right truncation added to WSCA
NEWS 20 May 19 RAPRA enhanced with new search field, simultaneous left and
right truncation
NEWS 21 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 22 Jun 06 PASCAL enhanced with additional data
NEWS 23 Jun 20 2003 edition of the FSTA Thesaurus is now available
NEWS 24 Jun 25 HSDB has been reloaded
NEWS 25 Jul 16 Data from 1960-1976 added to RDISCLOSURE
NEWS 26 Jul 21 Identification of STN records implemented
NEWS 27 Jul 21 Polymer class term count added to REGISTRY
NEWS 28 Jul 22 INPADOC: Basic index (/BI) enhanced; Simultaneous Left and
Right Truncation available
NEWS 29 AUG 05 New pricing for EUROPATFULL and PCTFULL effective
August 1, 2003
NEWS 30 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31 AUG 15 PATDPAFULL: one FREE connect hour, per account, in
September 2003
NEWS 32 AUG 15 PCTGEN: one FREE connect hour, per account, in
September 2003
NEWS 33 AUG 15 RDISCLOSURE: one FREE connect hour, per account, in
September 2003
NEWS 34 AUG 15 TEMA: one FREE connect hour, per account, in
September 2003
NEWS 35 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 36 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT

MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:53:07 ON 19 AUG 2003

=> FIL REGISTRY		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
	0.21	0.21
FULL ESTIMATED COST		

FILE 'REGISTRY' ENTERED AT 17:53:12 ON 19 AUG 2003
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STRUCTURE FILE UPDATES: 18 AUG 2003 HIGHEST RN 569296-21-5
 DICTIONARY FILE UPDATES: 18 AUG 2003 HIGHEST RN 569296-21-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s [FLKA] [FLKA] [FLKA] [FLAK] ./SQSP SQL=5
 MISSING OPERATOR

=> s [FLKA] [FLKA] [FLKA] [FLAK] ./SQSP AND SQL=5
 1048 [FLKA] [FLKA] [FLKA] [FLAK] ./SQSP
 53919 SQL=5
 L1 1048 [FLKA] [FLKA] [FLKA] [FLAK] ./SQSP AND SQL=5

=> s L1 NOT AAAAA/SQSP
 29885 AAAAA/SQSP
 L2 926 L1 NOT AAAAA/SQSP

=> L2 NOT FFFFF/SQSP
 L2 IS NOT A RECOGNIZED COMMAND
 The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

```
=> S L2 NOT FFFFF/SQSP
      3697 FFFFF/SQSP
L3      903 L2 NOT FFFFF/SQSP

=> S L3 NOT LLLLL/SQSP
      26333 LLLLL/SQSP
L4      882 L3 NOT LLLLL/SQSP

=> S L4 NOT KKKKK/SQSP
      12867 KKKKK/SQSP
L5      795 L4 NOT KKKKK/SQSP

=> S L5 AND K.... /SQSP
      242 K.... /SQSP
L6      242 L5 AND K.... /SQSP

=> S L5 AND .K... /SQSP
      249 .K... /SQSP
L7      249 L5 AND .K... /SQSP

=> S L5 AND ..K.. /SQSP
      255 ..K.. /SQSP
L8      255 L5 AND ..K.. /SQSP

=> S L5 AND ...K. /SQSP
      231 ...K. /SQSP
L9      231 L5 AND ...K. /SQSP

=> S L5 AND ....K /SQSP
      111 ....K /SQSP
L10     111 L5 AND ....K /SQSP

=> S L5 AND L.... /SQSP
      172 L.... /SQSP
L11     172 L5 AND L.... /SQSP

=> S L5 AND .L... /SQSP
      192 .L... /SQSP
L12     192 L5 AND .L... /SQSP

=> S L5 AND ..L.. /SQSP
      206 ..L.. /SQSP
L13     206 L5 AND ..L.. /SQSP

=> S L5 AND ...L. /SQSP
      253 ...L. /SQSP
L14     253 L5 AND ...L. /SQSP

=> S L5 AND ....L /SQSP
      146 ....L /SQSP
L15     146 L5 AND ....L /SQSP

=> S L5 AND A.... /SQSP
      319 A.... /SQSP
L16     319 L5 AND A.... /SQSP

=> S L5 AND .A... /SQSP
      254 .A... /SQSP
L17     254 L5 AND .A... /SQSP

=> S L5 AND ..A.. /SQSP
```

```

206 ..A../SQSP
L18 206 L5 AND ..A../SQSP

=> S L5 AND ...A./SQSP
241 ...A./SQSP
L19 241 L5 AND ...A./SQSP

=> S L5 AND ....A/SQSP
177 ....A/SQSP
L20 177 L5 AND ....A/SQSP

=> S L5 AND F.... /SQSP
181 F.... /SQSP
L21 181 L5 AND F.... /SQSP

=> S L5 AND .F... /SQSP
216 .F... /SQSP
L22 216 L5 AND .F... /SQSP

=> S L5 AND ..F.. /SQSP
246 ..F.. /SQSP
L23 246 L5 AND ..F.. /SQSP

=> S L5 AND ...F. /SQSP
183 ...F. /SQSP
L24 183 L5 AND ...F. /SQSP

=> S L5 AND ....F/SQSP
124 ....F/SQSP
L25 124 L5 AND ....F/SQSP

=> D HIST

```

(FILE 'HOME' ENTERED AT 17:53:07 ON 19 AUG 2003)

FILE 'REGISTRY' ENTERED AT 17:53:12 ON 19 AUG 2003

```

1048 S [FLKA] [FLKA] [FLKA] [FLAK] ./SQSP AND SQL=5
L1
926 S L1 NOT AAAAA/SQSP
L2
903 S L2 NOT FFFFF/SQSP
L3
882 S L3 NOT LLLLL/SQSP
L4
795 S L4 NOT KKKKK/SQSP
L5
242 S L5 AND K.... /SQSP
L6
249 S L5 AND .K... /SQSP
L7
255 S L5 AND ..K.. /SQSP
L8
231 S L5 AND ...K. /SQSP
L9
111 S L5 AND ....K/SQSP
L10
172 S L5 AND L.... /SQSP
L11
192 S L5 AND .L... /SQSP
L12
206 S L5 AND ..L.. /SQSP
L13
253 S L5 AND ...L. /SQSP
L14
146 S L5 AND ....L/SQSP
L15
319 S L5 AND A.... /SQSP
L16
254 S L5 AND .A... /SQSP
L17
206 S L5 AND ..A.. /SQSP
L18
241 S L5 AND ...A. /SQSP
L19
177 S L5 AND ....A/SQSP
L20
181 S L5 AND F.... /SQSP
L21
216 S L5 AND .F... /SQSP
L22
246 S L5 AND ..F.. /SQSP
L23
183 S L5 AND ...F. /SQSP
L24
124 S L5 AND ....F/SQSP
L25

```

```

=> S L6 OR L7 OR L8 OR L9 OR L10
L26 423 L6 OR L7 OR L8 OR L9 OR L10

```

=> S L11 OR L12 OR L13 OR L14 OR L15
 L27 456 L11 OR L12 OR L13 OR L14 OR L15

=> S L16 OR L17 OR L18 OR L18 OR L19 OR L20
 L28 500 L16 OR L17 OR L18 OR L18 OR L19 OR L20

=> S L21 OR L22 OR L23 OR L24 OR L25
 L29 416 L21 OR L22 OR L23 OR L24 OR L25

=> S L26 AND L27
 L30 169 L26 AND L27

=> S L30 AND L29
 L31 61 L30 AND L29

=> D L31

L31 ANSWER 1 OF 61 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 500369-39-1 REGISTRY
 CN L-Phenylalanine, N2-[(9H-fluoren-9-ylmethoxy)carbonyl]-L-lysyl-L-leucyl-L-valyl-L-phenylalanyl-, polymer with .alpha.-(carboxymethyl)-.omega.-(carboxymethoxy)poly(oxy-1,2-ethanediyl) (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF (C50 H62 N6 O8 . (C2 H4 O)n C4 H6 O5)x
 CI PMS
 PCT Polyamide, Polyamide formed, Polyether, Polyurea, Polyurea formed
 SR CA
 LC STN Files: CA, CAPLUS

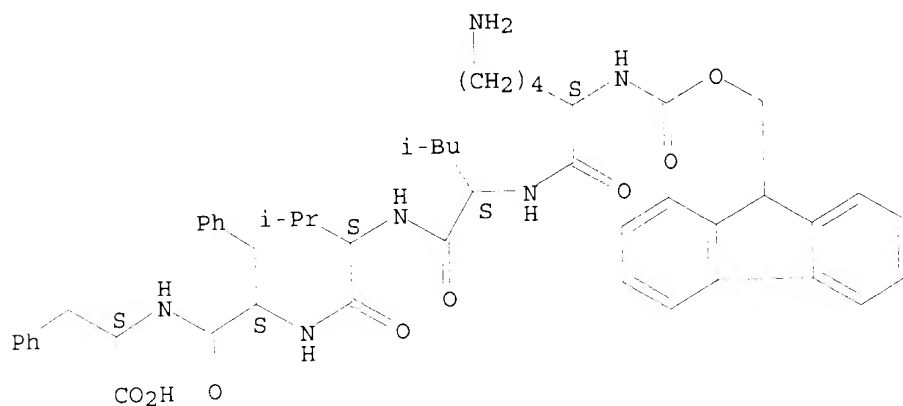
RELATED SEQUENCES AVAILABLE WITH SEQLINK

CM 1

CRN 500369-38-0
 CMF C50 H62 N6 O8

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



CM 2

CRN 39927-08-7
 CMF (C2 H4 O)n C4 H6 O5
 CCI PMS

'5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
 'SQSP' IS NOT A VALID FIELD CODE

7 FILES SEARCHED...

'5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
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 '5' NOT A VALID FIELD CODE
 '5' NOT A VALID FIELD CODE
 'SQSP' IS NOT A VALID FIELD CODE
 L32 55 L31

=> DUP REM L32
 PROCESSING COMPLETED FOR L32
 L33 51 DUP REM L32 (4 DUPLICATES REMOVED)

=> D BIB L33 1-51

L33 ANSWER 1 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2003:173628 CAPLUS
 DN 138:215336
 TI Application of peptide conjugates in diagnosis and treatment of
 Alzheimer's disease
 IN Stein, Stanley
 PA USA
 SO PCT Int. Appl., 37 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003018609	A2	20030306	WO 2002-US26889	20020823
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI US 2001-314382P	P	20010823		

L33 ANSWER 2 OF 51 USPATFULL on STN

AN 2003:159837 USPATFULL
 TI Short bioactive peptides and methods for their use
 IN Owen, Donald R., Kenner, LA, UNITED STATES
 PI US 2003109452 A1 20030612
 AI US 2002-109171 A1 20020328 (10)
 PRAI US 2001-279505P 20010328 (60)
 DT Utility
 FS APPLICATION
 LREP HOWREY SIMON ARNOLD & WHITE LLP, 750 BERING DRIVE, HOUSTON, TX, 77057
 CLMN Number of Claims: 48
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 4019
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 3 OF 51 USPATFULL on STN
 AN 2003:120759 USPATFULL
 TI Short bioactive peptides
 IN Owen, Donald R., Kenner, LA, UNITED STATES
 PI US 2003083243 A1 20030501
 AI US 2001-820053 A1 20010328 (9)
 DT Utility
 FS APPLICATION
 LREP HOWERY SIMON ARNOLD AND WHITE, LLP, 750 BERING DRIVE, HOUSTON, TX,
 77057-2198
 CLMN Number of Claims: 52
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 3164
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 4 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:778109 CAPLUS
 DN 137:284374
 TI Short bioactive peptides and methods for their use
 IN Owen, Donald R.
 PA Helix Biomedix, Inc., USA
 SO PCT Int. Appl., 133 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002079408	A2	20021010	WO 2002-US9534	20020328
WO 2002079408	A3	20021128		
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,				
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,				
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003083243	A1	20030501	US 2001-820053	20010328
US 2003109452	A1	20030612	US 2002-109171	20020328
PRAI US 2001-279505P	P	20010328		
US 2001-820053	A	20010328		

L33 ANSWER 5 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:487587 CAPLUS
 DN 137:63478
 TI Preparation of peptides as inhibitors of binding of E2F-1 to Cyclin A for

cancer therapy
 IN Bair, Kenneth Walter; Chen, Ying-Nan Pan; Ramsey, Timothy Michael; Sabio, Michael Lloyd; Sharma, Sushil Kumar
 PA Novartis Ag, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft mbH; Novartis Pharma GmbH
 SO PCT Int. Appl., 38 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002050102	A2	20020627	WO 2001-EP15006	20011219
	WO 2002050102	A3	20030313		
	W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR		
	AU 2002034591	A5	20020701	AU 2002-34591	20011219
	US 2002142966	A1	20021003	US 2001-24935	20011219
PRAI	US 2000-256828P	P	20001220		
	WO 2001-EP15006	W	20011219		
OS	MARPAT 137:63478				

L33 ANSWER 6 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2002:538187 CAPLUS
 DN 137:106076
 TI Peptides representative of polypeptides of interest and antibodies directed there against, and methods, systems and kits for generating and utilizing each
 IN Katz, Emil Israel
 PA Israel
 SO Eur. Pat. Appl., 124 pp.
 CODEN: EPXXDW

DT Patent
 LA English

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1223534	A1	20020717	EP 2002-75095	20020111
	R.		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
	US 2002137119	A1	20020926	US 2001-982172	20011019
	JP 2002360278	A2	20021217	JP 2002-4906	20020111
PRAI	IL 2001-140881	A	20010114		
	US 2001-982172	A	20011019		
RE.CNT	9		THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L33 ANSWER 7 OF 51 USPATFULL on STN
 AN 2002:259394 USPATFULL
 TI Inhibitors of the E2F-1/cyclin interaction for cancer therapy
 IN Bair, Kenneth Walter, Mountain Lakes, NJ, UNITED STATES
 Chen, YingNan Pan, Parsippany, NJ, UNITED STATES
 Ramsey, Timothy Michael, Sparta, NJ, UNITED STATES
 Sabio, Michael Lloyd, Randolph, NJ, UNITED STATES
 Sharma, Sushil Kumar, West Orange, NJ, UNITED STATES
 PI US 2002142966 A1 20021003
 AI US 2001-24935 A1 20011219 (10)
 PRAI US 2000-256828P 20001220 (60)

DT Utility
FS APPLICATION
LREP THOMAS HOXIE, NOVARTIS CORPORATION, PATENT AND TRADEMARK DEPT, 564
MORRIS AVENUE, SUMMIT, NJ, 079011027
CLMN Number of Claims: 10
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1144
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 8 OF 51 USPATFULL on STN
AN 2002:251174 USPATFULL
TI Peptides representative of polypeptides of interest and antibodies
directed thereagainst, and methods, systems and kits for generating and
utilizing each
IN Katz, Emil Israel, Savyon, ISRAEL
PI US 2002137119 A1 20020926
AI US 2001-982172 A1 20011019 (9)
PRAI IL 2001-140881 20010114
DT Utility
FS APPLICATION
LREP G. E. EHRLICH (1995) LTD., c/o ANTHONY CASTORINA, SUITE 207, 2001
JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202
CLMN Number of Claims: 63
ECL Exemplary Claim: 1
DRWN 6 Drawing Page(s)
LN.CNT 2803
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 9 OF 51 USPATFULL on STN
AN 2002:179167 USPATFULL
TI Peptide binding the KLVFF-sequence of amyloid-beta
IN Nordstedt, Christer, Mulhouse, FRANCE
Naslund, Jan, Stockholm, SWEDEN
Thyberg, Johan, Stockholm, SWEDEN
Tjernberg, Lars O., Spanga, SWEDEN
Terenius, Lars, Uppsala, SWEDEN
PI US 2002094957 A1 20020718
AI US 2001-850061 A1 20010508 (9)
RLI Division of Ser. No. US 1998-95106, filed on 10 Jun 1998, PENDING
Continuation of Ser. No. WO 1996-SE1621, filed on 9 Dec 1996, UNKNOWN
PRAI SE 1995-4467 19951212
US 1995-9386P 19951229 (60)
DT Utility
FS APPLICATION
LREP Benton S. Duffett, Jr., BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box
1404, Alexandria, VA, 22313-1404
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN 6 Drawing Page(s)
LN.CNT 727
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 10 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:135341 CAPLUS
DN 137:119286
TI C- and N-terminal residue effect on peptide derivatives' antagonism toward
the formyl-peptide receptor
AU Dalpiaz, Alessandro; Ferretti, Maria E.; Vertuani, Gianni; Traniello,
Serena; Scatturin, Angelo; Spisani, Susanna
CS Department of Pharmaceutical Sciences, Ferrara University, Ferrara, 44100,
Italy
SO European Journal of Pharmacology (2002), 436(3), 187-196
CODEN: EJPHAZ; ISSN: 0014-2999

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 11 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 1
AN 2001:331340 CAPLUS
DN 134:348978
TI Genes FIE1 and FIE3 from Arabidopsis that control endosperm development in
plants
IN Fischer, Robert L.; Ohad, Nir; Kiyosue, Tomohiro; Yadegari, Ramin;
Margossian, Linda; Harada, John; Goldberg, Robert B.
PA The Regents of the University of California, USA
SO U.S., 89 pp., Cont.-in-part of U.S. Ser. No. 71,838.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6229064	B1	20010508	US 1998-177249	19981022
	US 2002152501	A1	20021017	US 1998-71838	19980501
	CA 2330765	AA	19991111	CA 1999-2330765	19990503
	WO 9957247	A1	19991111	WO 1999-US9676	19990503
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9937833	A1	19991123	AU 1999-37833	19990503
	EP 1073718	A1	20010207	EP 1999-920305	19990503
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
	JP 2002513561	T2	20020514	JP 2000-547203	19990503
	US 2003126642	A1	20030703	US 2002-176884	20020621
	US 2003110536	A1	20030612	US 2002-213512	20020806
PRAI	US 1998-71838	A2	19980501		
	US 1998-177249	A	19981022		
	WO 1999-US9676	W	19990503		
	US 2001 300506P	P	20010622		

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 12 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2002:177513 CAPLUS
DN 136:215403
TI Antigenic peptides from Neisseria meningitidis and Neisseria gonorrhoeae
IN Galeotti, Cesira; Grandi, Guido; Massignani, Vega; Mora, Mariarosa; Pizza, Mariagrazia; Rappuoli, Rino; Ratti, Giulio; Scarlato, Vincenzo; Scarselli, Maria
PA Chiron Spa, Italy
SO PCT Int. Appl., 974 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001031019	A2	20010503	WO 2000-IB1661	20001030

WO 2001031019 A3 20011227
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TP, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1226253 A2 20020731 EP 2000-973143 20001030
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL
BR 2000015137 A 20030325 BR 2000-15137 20001030
PRAI US 1999-162616P P 19991029
WO 2000-IB1661 W 20001030

L33 ANSWER 13 OF 51 USPATFULL on STN
AN 2001:231187 USPATFULL
TI Peptide binding the KLVFF-sequence of amyloid-.beta.
IN Nordstedt, Christer, Mulhouse, France
Naslund, Jan, New York, NY, United States
Thyberg, Johan, Stockholm, Sweden
Tjernberg, Lars O., Spanga, Sweden
Terenius, Lars, Uppsala, Sweden
PA Karolinska Innovations AB, Stockholm, Sweden (non-U.S. corporation)
PI US 6331440 B1 20011218
AI US 1998-95106 19980610 (9)
RLI Continuation of Ser. No. WO 1996-SE1621, filed on 9 Dec 1996
PRAI SE 1995-4467 19951212
US 1995-9386P 19951229 (60)
DT Utility
FS GRANTED
EXNAM Primary Examiner: Borin, Michael
LREP Burns, Doane, Swecker & Mathis, L.L.P.
CLMN Number of Claims: 7
ECL Exemplary Claim: 1
DRWN 8 Drawing Figure(s); 5 Drawing Page(s)
LN.CNT 541
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 14 OF 51 USPATFULL on STN
AN 2001:33038 USPATFULL
TI Recombinant thrombin receptors and assays using them
IN Coughlin, Shaun R., San Francisco, CA, United States
PA COR Therapeutics, Inc., San Francisco, CA, United States (U.S.
corporation)
Regents of the University of California, Oakland, CA, United States
(U.S. corporation)
PI US 6197541 B1 20010306
AI US 1993-18760 19930217 (8)
RLI Division of Ser. No. US 1991-789184, filed on 7 Nov 1991, now patented,
Pat. No. US 5688768 Continuation of Ser. No. US 1991-657769, filed on 19
Feb 1991, now patented, Pat. No. US 5256766
DT Utility
FS Granted
EXNAM Primary Examiner: Fitzgerald, David L.
LREP Morrison & Foerster, LLP
CLMN Number of Claims: 73
ECL Exemplary Claim: 1
DRWN 11 Drawing Figure(s); 11 Drawing Page(s)
LN.CNT 1873
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 15 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:122109 CAPLUS
 DN 134:281120
 TI .alpha.-Ketocarbonyl Peptides: A General Approach to Reactive Resin-Bound Intermediates in the Synthesis of Peptide Isosteres for Protease Inhibitor Screening on Solid Support
 AU Papanikos, Alexandra; Rademann, Jorg; Meldal, Morten
 CS Department of Chemistry, Carlsberg Research Center, Valby, DK-2500, Den.
 SO Journal of the American Chemical Society (2001), 123(10), 2176-2181
 CODEN: JACSAT; ISSN: 0002-7863
 PB American Chemical Society
 DT Journal
 LA English
 OS CASREACT 134:281120
 RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 16 OF 51 USPATFULL on STN
 AN 2000:131811 USPATFULL
 TI Peptide for binding thereto a low density lipoprotein
 IN Hatanaka, Yoshihiro, Fuji, Japan
 Aritomi, Masaharu, Kawanishi, Japan
 PA Asahi Kasei Kogyo Kabushiki Kaisha, Osaka, Japan (non-U.S. corporation)
 Asahi Medical Co., Ltd., Tokyo, Japan (non-U.S. corporation)
 PI US 6127339 20001003
 WO 9700889 19970109
 AI US 1997-981122 19971218 (8)
 WO 1996-JP1734 19960621
 19971218 PCT 371 date
 19971218 PCT 102(e) date
 PRAI JP 1995-176904 19950621
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Jones, Dwayne C.; Assistant Examiner:
 Delacroix-Muirheid, C.
 LREP Young & Thompson
 CLMN Number of Claims: 4
 ECL Exemplary Claim: 1
 DRWN 1 Drawing Figure(s); 1 Drawing Page(s)
 LN.CNT 2073
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 17 OF 51 USPATFULL on STN
 AN 2000:18024 USPATFULL
 TI Antibody-based method of localizing activated thrombin receptors
 IN Coughlin, Shaun R., San Francisco, CA, United States
 Scarborough, Robert M., Belmont, CA, United States
 PA The Regents of the University of California, Oakland, CA, United States
 (U.S. corporation)
 COR Therapeutics, Inc., South San Francisco, CA, United States (U.S.
 corporation)
 PI US 6024936 20000215
 AI US 1995-473489 19950607 (8)
 RLI Division of Ser. No. US 1991-789184, filed on 7 Nov 1991, now patented,
 Pat. No. US 5688768 which is a continuation-in-part of Ser. No. US
 1991-657769, filed on 19 Feb 1991, now patented, Pat. No. US 5256766
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Johnson, Nancy A.
 CLMN Number of Claims: 14
 ECL Exemplary Claim: 1
 DRWN 14 Drawing Figure(s); 11 Drawing Page(s)
 LN.CNT 3415
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 18 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2001:232927 CAPLUS
 DN 134:248736
 TI Highly potent inhibitors of human cathepsin L identified by screening
 combinatorial pentapeptide amide collections
 AU Brinker, Achim; Weber, Ekkehard; Stoll, Dieter; Voigt, Jurgen; Muller,
 Annett; Sewald, Norbert; Jung, Gunther; Wiesmuller, Karl-Heinz; Bohley,
 Peter
 CS Physiol.-chem. Inst., Univ. Tübingen, Germany
 SO European Journal of Biochemistry (2000), 267(16), 5085-5092
 CODEN: EJBCAI; ISSN: 0014-2956
 PB Blackwell Science Ltd.
 DT Journal
 LA English
 RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 19 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 2000:285965 CAPLUS
 DN 133:120515
 TI Synthesis and Supramolecular Characterization of a Novel Class of
 Glycopyranosyl-Containing Amphiphiles
 AU Reichel, Frank; Roelofsen, Annie M.; Geurts, Hubertus P. M.; van der
 Gaast, Sjerrie J.; Feiters, Martinus C.; Boons, Geert-Jan
 CS School of Chemistry, The University of Birmingham, Edgbaston Birmingham,
 B15 2TT, UK
 SO Journal of Organic Chemistry (2000), 65(11), 3357-3366
 CODEN: JOCEAH; ISSN: 0022-3263
 PB American Chemical Society
 DT Journal
 LA English
 OS CASREACT 133:120515
 RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 20 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 2
 AN 1999:582679 CAPLUS
 DN 131:214557
 TI Preparation of N-Bpoc amino acid pentafluorophenyl (Pfp) esters and
 3,4-dihydro-4-oxo-1,2,3-benzotriazin-3-yl (ODhbt) esters
 IN Carey, Robert I.
 PA University of Georgia Research Foundation, USA
 SO U.S., 16 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5952497	A	19990914	US 1997-891676	19970710
PRAI	US 1996-21499P	P	19960710		
OS	MARPAT 131:214557				

RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L33 ANSWER 21 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1999:166639 CAPLUS
 DN 130:209984
 TI Synthesis of cyclosporin A conjugates for treatment of neurological
 disorders
 IN Rich, Daniel H.; Solomon, Michael E.
 PA Wisconsin Alumni Research Foundation, USA
 SO PCT Int. Appl., 129 pp.

CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9910374	A1	19990304	WO 1998-US17544	19980825
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9892038	A1	19990316	AU 1998-92038	19980825
	US 6316405	B1	20011113	US 1999-242724	19990222
PRAI	US 1997-57751P	P	19970826		
	WO 1998-US17544	W	19980825		
OS	MARPAT 130:209984				
RE.CNT 7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L33 ANSWER 22 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1999:142391 CAPLUS
DN 130:249134
TI Peptides selectively adsorbing low-density lipoproteins
IN Hatanaka, Yoshihiro; Sasaki, Takahiro; Watanabe, Katsuya
PA Asahi Chemical Industry Co., Ltd., Japan; Asahi Medical Co.
SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 11060595	A2	19990302	JP 1997-240280	19970822
PRAI	JP 1997-240280		19970822		
OS	MARPAT 130:249134				

L33 ANSWER 23 OF 51 USPATFULL on STN
AN 1999:151379 USPATFULL
TI Protective or anchor groups and their use
IN Hoffmann, Stefen, Mascheroder Weg 1, D-38124 Braunschweig, Germany, Federal Republic of
Frank, Ronald, Mascheroder Weg 1, D-38124 Braunschweig, Germany, Federal Republic of

PI	US 5990278		19991123		
	WO 9607672		19960314		
AI	US 1997-793714		19970303 (8)		
	WO 1995-EP3469		19950904		
			19970303	PCT 371 date	
			19970303	PCT 102(e) date	

PRAI DE 1994-4431317 19940902
DT Utility
FS Granted
EXNAM Primary Examiner: Celsa, Bennett
LREP Brooks & Kushman P.C.
CLMN Number of Claims: 26
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1949

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 24 OF 51 USPATFULL on STN
AN 1999:1777 USPATFULL
TI Antibodies specifically reactive with thrombin receptor and its components
IN Coughlin, Shaun R., San Francisco, CA, United States
PA The Regents of the University of California, Oakland, CA, United States (U.S. corporation)
COR Therapeutics, Inc., South San Francisco, CA, United States (U.S. corporation)
PI US 5856448 19990105
AI US 1995-477134 19950607 (8)
RLI Division of Ser. No. US 1991-789184, filed on 7 Nov 1991, now patented, Pat. No. US 5688768 which is a continuation-in-part of Ser. No. US 1991-657769, filed on 19 Feb 1991, now patented, Pat. No. US 5256766
DT Utility
FS Granted
EXNAM Primary Examiner: Huff, Sheela
LREP Morrison & Foerster LLP
CLMN Number of Claims: 14
ECL Exemplary Claim: 1
DRWN 14 Drawing Figure(s); 11 Drawing Page(s)
LN.CNT 3305
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 25 OF 51 USPATFULL on STN
AN 1998:157124 USPATFULL
TI Methods to diagnose thrombosis by measuring activation peptide
IN Coughlin, Shaun R., San Francisco, CA, United States
PA The Regents of the University of California, Oakland, CA, United States (U.S. corporation)
PI US 5849507 19981215
AI US 1995-477362 19950607 (8)
RLI Division of Ser. No. US 1991-789184, filed on 7 Nov 1991 which is a continuation-in-part of Ser. No. US 1991-657769, filed on 19 Feb 1991, now patented, Pat. No. US 5256766
DT Utility
FS Granted
EXNAM Primary Examiner: Feisee, Lila; Assistant Examiner: Johnson, Nancy A.
LREP Morrison & Forester LLP
CLMN Number of Claims: 10
ECL Exemplary Claim: 1,3
DRWN 12 Drawing Figure(s); 10 Drawing Page(s)
LN.CNT 3280
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 26 OF 51 USPATFULL on STN
AN 1998:101539 USPATFULL
TI Recombinant mutant thrombin receptor and related pharmaceuticals
IN Coughlin, Shaun R., San Francisco, CA, United States
Scarborough, Robert M., Belmont, CA, United States
PA The Regents of the University of California, Oakland, CA, United States (U.S. corporation)
PI US 5798248 19980825
AI US 1995-485886 19950607 (8)
RLI Division of Ser. No. US 1991-789184, filed on 7 Nov 1991 which is a continuation-in-part of Ser. No. US 1991-657769, filed on 19 Feb 1991, now patented, Pat. No. US 5256766
DT Utility
FS Granted
EXNAM Primary Examiner: Wax, Robert A.; Assistant Examiner: Slobodyansky, Elizabeth
LREP Morrioso&FoersterLLP
CLMN Number of Claims: 6
ECL Exemplary Claim: 1

DRWN 12 Drawing Figure(s); 10 Drawing Page(s)
LN.CNT 3252
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 27 OF 51 USPATFULL on STN
AN 1998:61610 USPATFULL
TI Recombinant thrombin receptor and related pharmaceuticals
IN Coughlin, Shaun R., San Francisco, CA, United States
Scarborough, Robert M., Belmont, CA, United States
PA Cor Therapeutics, United States (U.S. corporation)
The Regents of the University of California, United States (U.S.
corporation)
PI US 5759994 19980602
AI US 1995-475263 19950607 (8)
RLI Continuation of Ser. No. US 1991-789184, filed on 7 Nov 1991, now
patented, Pat. No. US 5688768 which is a continuation-in-part of Ser.
No. US 1991-657769, filed on 19 Feb 1991, now patented, Pat. No. US
5256766
DT Utility
FS Granted
EXNAM Primary Examiner: Tsang, Cecilia L.; Assistant Examiner: Harle, Jennifer
LREP Morrison & Foerster LLP
CLMN Number of Claims: 8
ECL Exemplary Claim: 1
DRWN 12 Drawing Figure(s); 10 Drawing Page(s)
LN.CNT 2228
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 28 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1998:164121 CAPLUS
DN 128:265753
TI Enhancement of fibrinolysis by plactins. Structure-activity relationship
and effects in human U937 cells and in mice
AU Inoue, Toshik; Hasumi, Keiji; Sugimoto, Maki; Endo, Akira
CS Department Applied Biological Science, Tokyo Noko University, Fuchu, 183,
Japan
SO Thrombosis and Haemostasis (1998), 79(3), 591-596
CODEN: THHADQ; ISSN: 0340-6245
PB F. K. Schattauer Verlagsgesellschaft mbH
DT Journal
LA English

L33 ANSWER 29 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 3
AN 1997:761604 CAPLUS
DN 128:30398
TI Agonist peptides of thrombin receptor and stimulation of platelet
aggregation
IN Coughlin, Shaun R.; Scarborough, Robert M.
PA COR Therapeutics, Inc., USA
SO U.S., 89 pp., Cont.-in-part of U.S. 5,256,766.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5688768	A	19971118	US 1991-789184	19911107
	US 5256766	A	19931026	US 1991-657769	19910219
	CA 2104394	AA	19920820	CA 1992-2104394	19920219
	WO 9214750	A1	19920903	WO 1992-US1312	19920219
	W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE				
	RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				

AU 9214568	A1	19920915	AU 1992-14568	19920219
AU 665752	B2	19960118		
EP 572553	A1	19931208	EP 1992-907700	19920219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
JP 06508742	T2	19941006	JP 1992-507331	19920219
JP 2003159088	A2	20030603	JP 2002-259364	19920219
US 6197541	B1	20010306	US 1993-18760	19930217
US 5759994	A	19980602	US 1995-475263	19950607
US 5798248	A	19980825	US 1995-485886	19950607
US 5849507	A	19981215	US 1995-477362	19950607
US 5856448	A	19990105	US 1995-477134	19950607
US 6024936	A	20000215	US 1995-473489	19950607
PRAI US 1991-657769	A2	19910219		
US 1991-789184	A	19911107		
JP 1992-507331	A3	19920219		
WO 1992-US1312	A	19920219		
OS	MARPAT 128:30398			

L33 ANSWER 30 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:515794 CAPLUS
DN 127:117394
TI Peptide binding the KLVFF sequence of amyloid .beta.
IN Nordstedt, Christer; Naslund, Jan; Thyberg, Johan; Tjernberg, Lars O.; Terenius, Lars
PA Karolinska Innovations Ab, Swed.; Nordstedt, Christer; Naslund, Jan; Thyberg, Johan; Tjernberg, Lars O.; Terenius, Lars
SO PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9721728	A1	19970619	WO 1996-SE1621	19961209
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, VZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9710728	A1	19970703	AU 1997-10728	19961209
	EP 866805	A1	19980930	EP 1996-940740	19961209
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 6331440	B1	20011218	US 1998-95106	19980610
	US 2002094957	A1	20020718	US 2001-850061	20010508
PRAI	SE 1995-4467	A	19951212		
	US 1995-9386P	P	19951229		
	WO 1996-SE1621	W	19961209		
	US 1998-95106	A3	19980610		

L33 ANSWER 31 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1997:132863 CAPLUS
DN 126:144561
TI Preparation of peptides binding to low-density lipoproteins
IN Hatanaka, Yoshihiro; Aritomi, Masaharu
PA Asahi Kasei Kogyo Kabushiki Kaisha, Japan; Asahi Medical Co., Ltd.; Hatanaka, Yoshihiro; Aritomi, Masaharu
SO PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9700889	A1	19970109	WO 1996-JP1734	19960621
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP	838472	A1	19980429	EP 1996-918883	19960621
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 6127339	A	20001003	US 1997-981122	19971218
PRAI	JP 1995-176904	A	19950621		
	WO 1996-JP1734	W	19960621		

L33 ANSWER 32 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1997:370627 CAPLUS
 DN 127:81773
 TI Protein mimetics (TASP) by sequential condensation of peptide loops to an immobilized topological template
 AU Peluso, Stephane; Dumy, Pascal; Eggleston, Ian M.; Garrouste, Patrick; Mutter, Manfred
 CS Institute of Organic Chemistry, University of Lausanne, Lausanne, CH-1015, Switz.
 SO Tetrahedron (1997), 53(21), 7231-7236
 CODEN: TETRAB; ISSN: 0040-4020
 PB Elsevier
 DT Journal
 LA English

L33 ANSWER 33 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 4
 AN 1996:392045 CAPLUS
 DN 125:115160
 TI Preparation and activity of linear and cyclic synthetic thrombin receptor peptides
 IN Hollenberg, Morley D.; Matsoukas, John M.; Moore, Graham J.
 PA University Technologies International, Inc., Can.
 SO U.S., 36 pp., Cont. of U.S. Ser. No. 80, 643, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5516889	A	19960514	US 1995-405933	19950317
PRAI	US 1993-80643		19930621		

L33 ANSWER 34 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1996:637167 CAPLUS
 DN 125:276594
 TI Preparation of cyclic pentapeptides as antithrombotics and antiarteriosclerotics
 IN Endo, Akira; Hasumi, Keiji; Inoe, Toshiki; Kunyasu, Tooru
 PA Baio Kosumosu Jugen, Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 08217794	A2	19960827	JP 1995-26674	19950215
PRAI	JP 1995-26674		19950215		
OS	MARPAT 125:276594				

L33 ANSWER 35 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:303728 CAPLUS
DN 124:344124
TI Protecting and anchor groups for carboxamides useful in peptide synthesis.
IN Hoffmann, Stefan; Frank, Ronald
PA Gesellschaft fuer Biotechnologische Forschung Mbh (GBF), Germany
SO Ger. Offen., 22 pp.
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 4431317	A1	19960307	DE 1994-4431317	19940902
	WO 9607672	A2	19960314	WO 1995-EP3469	19950904
	WO 9607672	A3	19960509		
	W:	AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN			
	RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	CA 2198898	AA	19960314	CA 1995-2198898	19950904
	AU 9535629	A1	19960327	AU 1995-35629	19950904
	AU 695137	B2	19980806		
	EP 783515	A2	19970716	EP 1995-932660	19950904
	R:	DE, FR, GB, IT, SE			
	JP 10505077	T2	19980519	JP 1995-509198	19950904
	US 5990278	A	19991123	US 1997-793714	19970303
PRAI	DE 1994-4431317		19940902		
	WO 1995-EP3469		19950904		
OS	MARPAT 124:344124				

L33 ANSWER 36 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:483467 CAPLUS
DN 125:131636
TI Synthesis and Contractile Activities of Cyclic Thrombin Receptor-Derived Peptide Analogs with a Phe-Leu-Leu-Arg Motif: Importance of the Phe/Arg Relative Conformation and the Primary Amino Group for Activity
AU Matsoukas, John M.; Panagiotopoulos, Dimitris; Keramida, Maria; Mavromoustakos, Thomas; Yamdagni, Raguav; Wu, Qiao; Moore, Graham J.; Saifeddine, Mahmoud; Hollenberg, Morley D.
CS Department of Chemistry, University of Patras, Patras, 26110, Greece
SO Journal of Medicinal Chemistry (1996), 39(18), 3585-3591
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English

L33 ANSWER 37 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1996:639442 CAPLUS
DN 125:329411
TI Covalently linked bundles of the 1-17 alamethicin as models for membrane channels
AU Leplawy, M. T.; Kociolek, K.; Slomczynska, U.; Stasiak, M.; Zabrocki, J.; Beusen, D.; Marshall, G. R.
CS Institute Organic Chemistry, Technical University Lodz, Lodz, PL-90-924, Pol.
SO Peptides 1994, Proceedings of the European Peptide Symposium, 23rd, Braga, Port., Sept. 4-10, 1994 (1995), Meeting Date 1994, 385-386. Editor(s): Maia, Hernani L. S. Publisher: ESCOM, Leiden, Neth.
CODEN: 63MBAO
DT Conference
LA English

L33 ANSWER 38 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1996:292000 CAPLUS
 DN 125:59073
 TI Cyclic thrombin receptor derived peptide analogs
 AU Panagiotopoulos, D.; Matsoukas, J. M.; Keramida, M.; Deraos, S.; Maia, H.
 L. S.; Yamdagni, R.; Wu, Q.; Redstone, P.; Moore, G. J.; et al.
 CS Department Chemistry, University Patras, Patras, 261 10, Greece
 SO Epitheorese Klinikes Farmakologias kai Farmakokinetikes, International
 Edition (1995), 9(2 and 3), 63-65
 CODEN: EFKEEB; ISSN: 1011-6583
 PB Pharmakon-Press
 DT Journal
 LA English

L33 ANSWER 39 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1994:681113 CAPLUS
 DN 121:281113
 TI Synthetic oligomers of conformationally restricted peptides as models for
 membrane channels
 AU Leplawy, M. T.; Kociolek, K.; Slomczynska, U.; Zabrocki, J.; Beusen, D.
 D.; Marshall, G. R.
 CS Institute of Organic Chemistry, Politechnika, Lodz, 90-924, Pol.
 SO Polish Journal of Chemistry (1994), 68(5), 969-74
 CODEN: PJCHDQ; ISSN: 0137-5083
 DT Journal
 LA English

L33 ANSWER 40 OF 51 USPATFULL on STN
 AN 93:89773 USPATFULL
 TI Recombinant thrombin receptor and related pharmaceuticals
 IN Coughlin, Shaun R., San Francisco, CA, United States
 PA The Regents of the University of California, Oakland, CA, United States
 (U.S. corporation)
 PI US 5256766 19931026
 AI US 1991-657769 19910219 (7)
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Hill, Jr., Robert J.; Assistant Examiner: Ulm, John D.
 LREP Morrison & Foerster
 CLMN Number of Claims: 16
 ECL Exemplary Claim: 1
 DRWN 12 Drawing Figure(s); 10 Drawing Page(s)
 LN.CNT 1607
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L33 ANSWER 41 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1994:50481 CAPLUS
 DN 120:50481
 TI Structures and action of 20 novel neuropeptides isolated from the ventral
 nerve cords of an echiuroid worm, Urechis unicinctus
 AU Ikeda, Tetsuya; Kubota, Ichiro; Miki, Wataru; Nose, Taisuke; Takao,
 Toshifumi; Shimonishi, Yasutsugu; Muneoka, Yojiro
 CS Fac. Integr. Arts Sci., Hiroshima Univ., Hiroshima, 730, Japan
 SO Pept. Chem. 1992, Proc. Jpn. Symp., 2nd (1993), Meeting Date 1992, 583-5.
 Editor(s): Yanaihara, Noboru. Publisher: ESCOM, Leiden, Neth.
 CODEN: 59NTAC
 DT Conference
 LA English

L33 ANSWER 42 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1993:116751 CAPLUS
 DN 118:116751
 TI Recombinant thrombin receptor, agonist and antagonist peptides, and
 (monoclonal) antibodies
 IN Coughlin, Shaun R.; Scarborough, Robert M.

PA University of California, Oakland, USA; Cor Therapeutics, Inc.
 SO PCT Int. Appl., 80 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9214750	A1	19920903	WO 1992-US1312	19920219
	W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE				
	RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
	US 5256766	A	19931026	US 1991-657769	19910219
	US 5688768	A	19971118	US 1991-789184	19911107
	AU 9214568	A1	19920915	AU 1992-14568	19920219
	AU 665752	B2	19960118		
	EP 572553	A1	19931208	EP 1992-907700	19920219
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
	JP 06508742	T2	19941006	JP 1992-507331	19920219
PRAI	US 1991-657769	A	19910219		
	US 1991-789184	A	19911107		
	WO 1992-US1312	A	19920219		
OS	MARPAT 118:116751				

L33 ANSWER 43 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1992:6946 CAPLUS
 DN 116:6946
 TI General method for rapid synthesis of multicomponent peptide mixtures
 AU Furka, Arpad; Sebestyen, Ferenc; Asgedom, Mamo; Dibo, Gabor
 CS Dep. Org. Chem., Eotvos Lorand Univ., Budapest, H-1518, Hung.
 SO International Journal of Peptide & Protein Research (1991), 37(6), 487-93
 CODEN: IJPPC3; ISSN: 0367-8377
 DT Journal
 LA English

L33 ANSWER 44 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1989:232090 CAPLUS
 DN 110:232090
 TI Preparation and testing of peptides as phospholipase A2 inhibitors
 IN Koenig, Wolfgang; Schindler, Peter
 PA Hoechst A.-G., Fed. Rep. Ger.
 SO Eur. Pat. Appl., 38 pp.
 CODEN: EPXXDW
 DT Patent
 LA German
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 288965	A2	19881102	EP 1988-106646	19880426
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	DE 3813989	A1	19881110	DE 1988-3813989	19880426
	DK 8802330	A	19881030	DK 1988-2330	19880428
	AU 8815263	A1	19881103	AU 1988-15263	19880428
	JP 63284197	A2	19881121	JP 1988-104476	19880428
	ZA 8803033	A	19881228	ZA 1988-3033	19880428
PRAI	DE 1987-3714277		19870429		
OS	MARPAT 110:232090				

L33 ANSWER 45 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
 AN 1976:117721 CAPLUS
 DN 84:117721
 TI Enzymic and immunochemical properties of lysozyme. XIII. Accurate delineation of the reactive site around the disulfide 6-127 by

immunochemical study of .beta.-propiolactone lysozyme derivative and of synthetic disulfide peptides

AU Atassi, M. Z.; Koketsu, J.; Habeeb, A. F. S. A.
CS Dep. Chem., Wayne State Univ., Detroit, MI, USA
SO Biochimica et Biophysica Acta (1976), 420(2), 358-75
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English

L33 ANSWER 46 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1976:70502 CAPLUS
DN 84:70502

TI The interaction specificity of peptides with DNA. Evidence of peptide .beta.-sheet-DNA binding

AU Gabbay, E. J.; Adawadkar, P. D.; Kapicak, L.; Pearce, S.; Wilson, W. D.
CS Dep. Chem., Univ. Florida, Gainesville, FL, USA
SO Biochemistry (1976), 15(1), 152-7
CODEN: BICHAW; ISSN: 0006-2960
DT Journal
LA English

L33 ANSWER 47 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1976:150962 CAPLUS
DN 84:150962

TI Synthesis of N-acyl oligopeptides of potential antituberculous activity

AU Stverteczky, Judit; Hollosi, Ildiko; Bajusz, Sandor
CS Res. Inst. Pharm. Chem., Budapest, Hung.
SO Acta Chimica Academiae Scientiarum Hungaricae (1975), 87(3), 269-83
CODEN: ACASA2; ISSN: 0001-5407
DT Journal
LA English

L33 ANSWER 48 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1972:420028 CAPLUS
DN 77:20028

TI Antibiotic hexapeptide amides and hydrazides
IN Paulay, Zoltan; Bajusz, Sandor; Koczka, Istvan
PA Gyogyszerkutato Intezet
SO Hung. Teljes, 17 pp.
CODEN: HUXXBU

DT Patent
LA Hungarian
FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	HU 3841		19720328	HU 1969-G01100	19690707

L33 ANSWER 49 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1972:100023 CAPLUS
DN 76:100023

TI Deacylation of N-sulfenylpeptides by thiocyanate ions

AU Wuensch, Erich; Spangenberg, Reinhard
CS Abt. Peptidchem., Max-Planck-Inst. Eiweiss-und Lederforsch., Munic, Fed. Rep. Ger.
SO Chemische Berichte (1972), 105(2), 740-2
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

L33 ANSWER 50 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1972:127403 CAPLUS
DN 76:127403

TI Synthesis of antibiotically active oligopeptides
AU Paulay, Z.; Bajusz, S.

CS Res. Inst. Pharm. Chem., Budapest, Hung.
SO Acta Chimica Academiae Scientiarum Hungaricae (1972), 71(2), 247-59
CODEN: ACASA2; ISSN: 0001-5407
DT Journal
LA English

L33 ANSWER 51 OF 51 CAPLUS COPYRIGHT 2003 ACS on STN
AN 1971:88305 CAPLUS
DN 74:88305
TI Deacylation of N-sulfenylpeptides
IN Wuensch, Erich; Spangenberg, Reinhard
PA Farbwerke Hoechst A.-G.
SO Ger. Offen., 7 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	DE 1919023	A	19710121	DE 1969-1919023	19690415
	NL 7005038	A	19701019	NL 1970-5038	19700408
	CH 520651	A	19720331	CH 1970-520651	19700410
	GB 1308821	A	19730307	GB 1970-17441	19700413
	SE 368567	B	19740708	SE 1970-5081	19700414
PRAI	DE 1969-1919023		19690415		